PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	7/13/2007 10:10:00 AM
Date Reported:	7/19/2007
Laboratory Submission Number/SDG:	2507178
Project:	National Petroleum Packers

Samples: The submission consisted of 3 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative c the qualities of apparently identical or similar materials

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EXECUTIVE SUMMARY - Detection Highlights

2507178

SAMPLE ID: NPP-MW-01

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2880	100	UG/L	SW6010B
Antimony	22.5	10	UG/L	SW6010B
Arsenic	6.95 B	15	UG/L	SW6010B
Barium	62.9	10	UG/L	SW6010B
Beryllium	0.188 B	5	UG/L	SW6010B
Cadmium	2.74 B	5	UG/L	SW6010B
Calcium	63800	100	UG/L	SW6010B
Chromium	0.497 B	10	UG/L	SW6010B
Cobalt	6.46 B	10	UG/L	SW6010B
Copper	18.9	10	UG/L	SW6010B
Iron	14900	50	UG/L	SW6010B
Lead	10.7 B	15	UG/L	SW6010B
Magnesium	5230	100	UG/L	SW6010B
Manganese	257	10	UG/L	SW6010B
Nickel	4.64 B	5	UG/L	SW6010B
Potassium	3670	500	UG/L	SW6010B
Sodium	22400	300	UG/L	SW6010B
Vanadium	3.21 B	10	UG/L	SW6010B
Zinc	5.64 B	20	UG/L	SW6010B
Acetone	25.8	10	UG/L	SW8260B
Carbon disulfide	1.5	1	UG/L	SW8260B

SAMPLE ID: NPP-MW-01-DUP

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	3080	100	UG/L	SW6010B
Antimony	26	10	UG/L	SW6010B
Barium	65.3	10	UG/L	SW6010B
Beryllium	0.26 B	5	UG/L	SW6010B
Cadmium	2.26 B	5	UG/L	SW6010B
Calcium	64400	100	UG/L	SW6010B
Chromium	3.35 B	10	UG/L	SW6010B
Cobalt	6.5 B	10	UG/L	SW6010B
Copper	16.1	10	UG/L	SW6010B
Iron	14500	50	UG/L	SW6010B
Lead	12.8 B	15	UG/L	SW6010B
Magnesium	5230	100	UG/L	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507178

Manganese	255	10	UG/L	SW6010B
Nickel	4.2 B	5	UG/L	SW6010B
Potassium	3690	500	UG/L	SW6010B
Sodium	22500	300	UG/L	SW6010B
Vanadium	3.49 B	10	UG/L	SW6010B
Zinc	6.8 B	20	UG/L	SW6010B
Acetone	16.6	10	UG/L	SW8260B
Carbon disulfide	1.1	1	UG/L	SW8260B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507178

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Water samples were prepared by SW846/5030 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507178

Client: T N & Associates, Inc.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:** **07/18/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Method: 8260

EPA Sample No	Lab Sample ID
NPP-MW-01	250717801
NPP-MW-01-DUP	250717802
TRIP BLANK	250717803

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Sample Data

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1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717801 Lab File ID: 17801.D

Sample wt/vol: 5 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 1210

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1	U
74-87-3	Chloromethane	1	U
75-01-4	Vinyl chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
75-69-4	Trichlorofluoromethane	1	U
75-35-4	1,1-Dichloroethene	1	U
107-02-8	Acrolein	10	U
74-88-4	Methyl iodide	2	U
75-15-0	Carbon disulfide	1.5	
75-09-2	Methylene chloride	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
107-13-1	Acrylonitrile	4	U
75-34-3	1,1-Dichloroethane	1	U
67-64-1	Acetone	25.8	
594-20-7	2,2-Dichloropropane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
74-97-5	Bromochloromethane	1	U
78-93-3	2-Butanone	5	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	1	U
563-58-6	1,1-Dichloropropene	1	U
71-43-2	Benzene	1	U
107-06-2	1,2-Dichloroethane	1	U
79-01-6	Trichloroethene	1	U
108-05-4	Vinyl acetate	2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717801 Lab File ID: 17801.D

Sample wt/vol: 5 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 1210

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1	U
74-95-3	Dibromomethane	1	U
75-27-4	Bromodichloromethane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	1	U
106-93-4	1,2-Dibromoethane(EDB)	1	U
108-90-7	Chlorobenzene	1	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
100-41-4	Ethylbenzene	1	U
511-39-00	p,m-Xylene	2	U
95-47-6	o-Xylene	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
98-82-8	Isopropylbenzene (Cumene)	1	U
108-86-1	Bromobenzene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	1	U
103-65-1	n-Propylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717801 Lab File ID: 17801.D

Sample wt/vol: 5 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 1210

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
104-51-8	n-Butylbenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	2	U
120-82-1	1,2,4-Trichlorobenzene	1	U
87-68-3	Hexachlorobutadiene	1	U
91-20-3	Naphthalene	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
1634-04-4	MTBE	1	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717802 Lab File ID: 17802.D

Sample wt/vol: 5 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 1233

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1	U
74-87-3	Chloromethane	1	U
75-01-4	Vinyl chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
75-69-4	Trichlorofluoromethane	1	U
75-35-4	1,1-Dichloroethene	1	U
107-02-8	Acrolein	10	U
74-88-4	Methyl iodide	2	U
75-15-0	Carbon disulfide	1.1	
75-09-2	Methylene chloride	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
107-13-1	Acrylonitrile	4	U
75-34-3	1,1-Dichloroethane	1	U
67-64-1	Acetone	16.6	
594-20-7	2,2-Dichloropropane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
74-97-5	Bromochloromethane	1	U
78-93-3	2-Butanone	5	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	1	U
563-58-6	1,1-Dichloropropene	1	U
71-43-2	Benzene	1	U
107-06-2	1,2-Dichloroethane	1	U
79-01-6	Trichloroethene	1	U
108-05-4	Vinyl acetate	2	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717802 Lab File ID: 17802.D

Sample wt/vol: 5 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 1233

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1	U
74-95-3	Dibromomethane	1	U
75-27-4	Bromodichloromethane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	1	U
106-93-4	1,2-Dibromoethane(EDB)	1	U
108-90-7	Chlorobenzene	1	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
100-41-4	Ethylbenzene	1	U
511-39-00	p,m-Xylene	2	U
95-47-6	o-Xylene	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
98-82-8	Isopropylbenzene (Cumene)	1	U
108-86-1	Bromobenzene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	1	U
103-65-1	n-Propylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717802 Lab File ID: 17802.D

Sample wt/vol: 5 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 1233

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
104-51-8	n-Butylbenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	2	U
120-82-1	1,2,4-Trichlorobenzene	1	U
87-68-3	Hexachlorobutadiene	1	U
91-20-3	Naphthalene	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
1634-04-4	MTBE	1	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

TRIP BLANK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717803 Lab File ID: 17803.D

Sample wt/vol: 5 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 1256

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1	U
74-87-3	Chloromethane	1	U
75-01-4	Vinyl chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
75-69-4	Trichlorofluoromethane	1	U
75-35-4	1,1-Dichloroethene	1	U
107-02-8	Acrolein	10	U
74-88-4	Methyl iodide	2	U
75-15-0	Carbon disulfide	1	U
75-09-2	Methylene chloride	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
107-13-1	Acrylonitrile	4	U
75-34-3	1,1-Dichloroethane	1	U
67-64-1	Acetone	10	U
594-20-7	2,2-Dichloropropane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
74-97-5	Bromochloromethane	1	U
78-93-3	2-Butanone	5	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	1	U
563-58-6	1,1-Dichloropropene	1	U
71-43-2	Benzene	1	U
107-06-2	1,2-Dichloroethane	1	U
79-01-6	Trichloroethene	1	U
108-05-4	Vinyl acetate	2	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

TRIP BLANK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717803 Lab File ID: 17803.D

Sample wt/vol: 5 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 1256

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1	U
74-95-3	Dibromomethane	1	U
75-27-4	Bromodichloromethane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	1	U
106-93-4	1,2-Dibromoethane(EDB)	1	U
108-90-7	Chlorobenzene	1	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
100-41-4	Ethylbenzene	1	U
511-39-00	p,m-Xylene	2	U
95-47-6	o-Xylene	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
98-82-8	Isopropylbenzene (Cumene)	1	U
108-86-1	Bromobenzene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	1	U
103-65-1	n-Propylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

TRIP BLANK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717803 Lab File ID: 17803.D

Sample wt/vol: 5 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 1256

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
104-51-8	n-Butylbenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	2	U
120-82-1	1,2,4-Trichlorobenzene	1	U
87-68-3	Hexachlorobutadiene	1	U
91-20-3	Naphthalene	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
1634-04-4	MTBE	1	U

QC Summary

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 071707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: ML Date Received: 07/17/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 0841

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1	U
74-87-3	Chloromethane	1	U
75-01-4	Vinyl chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
75-69-4	Trichlorofluoromethane	1	U
75-35-4	1,1-Dichloroethene	1	U
107-02-8	Acrolein	10	U
74-88-4	Methyl iodide	2	U
75-15-0	Carbon disulfide	1	U
75-09-2	Methylene chloride	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
107-13-1	Acrylonitrile	4	U
75-34-3	1,1-Dichloroethane	1	U
67-64-1	Acetone	10	U
594-20-7	2,2-Dichloropropane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
74-97-5	Bromochloromethane	1	U
78-93-3	2-Butanone	5	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	1	U
563-58-6	1,1-Dichloropropene	1	U
71-43-2	Benzene	1	U
107-06-2	1,2-Dichloroethane	1	U
79-01-6	Trichloroethene	1	U
108-05-4	Vinyl acetate	2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 071707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: ML Date Received: 07/17/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 0841

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1	U
74-95-3	Dibromomethane	1	U
75-27-4	Bromodichloromethane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	1	U
106-93-4	1,2-Dibromoethane(EDB)	1	U
108-90-7	Chlorobenzene	1	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
100-41-4	Ethylbenzene	1	U
511-39-00	p,m-Xylene	2	U
95-47-6	o-Xylene	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
98-82-8	Isopropylbenzene (Cumene)	1	U
108-86-1	Bromobenzene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	1	U
103-65-1	n-Propylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 071707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: ML Date Received: 07/17/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/17/07 Time: 0841

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
104-51-8	n-Butylbenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	2	U
120-82-1	1,2,4-Trichlorobenzene	1	U
87-68-3	Hexachlorobutadiene	1	U
91-20-3	Naphthalene	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
1634-04-4	MTBE	1	U

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

071707LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

COMPOUND	SPIKE ADDED UG/L	LCS CONCENTRATION UG/L	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	20	21.7	108.0		20.0	57 - 136
Chloromethane	20	17.8	89.0		20.0	70 - 130
Vinyl chloride	20	18.4	92.0		20.0	70 - 130
Bromomethane	20	20.2	101.0		20.0	70 - 130
Chloroethane	20	20.1	100.0		20.0	70 - 130
Trichlorofluoromethane	20	20.4	102.0		20.0	70 - 130
1,1-Dichloroethene	20	21	105.0		20.0	70 - 130
Acrolein	60	66.4	111.0		20.0	70 - 130
Methyl iodide	20	24.2	121.0		20.0	34 - 142
Carbon disulfide	20	20.4	102.0		20.0	70 - 130
Methylene chloride	20	20	100.0		20.0	70 - 130
trans-1,2-Dichloroethene	20	21.9	110.0		20.0	70 - 130
Acrylonitrile	60	60.9	102.0		20.0	70 - 130
1,1-Dichloroethane	20	20.3	102.0		20.0	70 - 130
Acetone	60	70.2	117.0		20.0	70 - 130
2,2-Dichloropropane	20	23.2	116.0		20.0	70 - 130
cis-1,2-Dichloroethene	20	20.4	102.0		20.0	70 - 130
Bromochloromethane	20	20.1	100.0		20.0	70 - 130
2-Butanone	60	66.1	110.0		20.0	70 - 130
Chloroform	20	20	100.0		20.0	70 - 130
1,1,1-Trichloroethane	20	20.5	102.0		20.0	70 - 130
Carbon tetrachloride	20	20.5	102.0		20.0	70 - 130
1,1-Dichloropropene	20	21.2	106.0		20.0	70 - 130
Benzene	20	20.6	103.0		20.0	70 - 130
1,2-Dichloroethane	20	20.3	102.0		20.0	70 - 130
Trichloroethene	20	20.7	104.0		20.0	70 - 130
Vinyl acetate	20	22.1	110.0		20.0	70 - 130
1,2-Dichloropropane	20	20.4	102.0		20.0	70 - 130
Dibromomethane	20	20.3	102.0		20.0	70 - 130
Bromodichloromethane	20	20.2	101.0		20.0	70 - 130
cis-1,3-Dichloropropene	20	21.6	108.0		20.0	70 - 130
4-Methyl-2-pentanone	60	62.2	104.0		20.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

071707LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

COMPOUND	SPIKE ADDED UG/L	LCS CONCENTRATION UG/L	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	20	20.8	104.0		20.0	70 - 130
trans-1,3-Dichloropropene	20	21.8	109.0		20.0	70 - 130
1,1,2-Trichloroethane	20	19.7	98.5		20.0	70 - 130
Tetrachloroethene	20	21.2	106.0		20.0	70 - 130
1,3-Dichloropropane	20	20.2	101.0		20.0	70 - 130
2-Hexanone	60	63.2	105.0		20.0	70 - 130
Dibromochloromethane	20	21.3	106.0		20.0	70 - 130
1,2-Dibromoethane(EDB)	20	20.5	102.0		20.0	70 - 130
Chlorobenzene	20	19.8	99.0		20.0	70 - 130
1,1,1,2-Tetrachloroethane	20	20.2	101.0		20.0	70 - 130
Ethylbenzene	20	20.6	103.0		20.0	70 - 130
p,m-Xylene	40	42.1	105.0		20.0	70 - 130
o-Xylene	20	21.6	108.0		20.0	70 - 130
Styrene	20	22.4	112.0		20.0	70 - 130
Bromoform	20	22.4	112.0		20.0	70 - 130
Isopropylbenzene (Cumene)	20	21.9	110.0		20.0	70 - 130
Bromobenzene	20	19.6	98.0		20.0	70 - 130
1,1,2,2-Tetrachloroethane	20	20	100.0		20.0	70 - 130
1,2,3-Trichloropropane	20	19.5	97.5		20.0	70 - 130
n-Propylbenzene	20	21.8	109.0		20.0	70 - 130
2-Chlorotoluene	20	21.1	106.0		20.0	70 - 130
4-Chlorotoluene	20	21.1	106.0		20.0	70 - 130
1,3,5-Trimethylbenzene	20	22	110.0		20.0	70 - 130
tert-Butylbenzene	20	22.2	111.0		20.0	70 - 130
1,2,4-Trimethylbenzene	20	21.8	109.0		20.0	70 - 130
sec-Butylbenzene	20	22.5	112.0		20.0	70 - 130
1,3-Dichlorobenzene	20	21.2	106.0		20.0	70 - 130
1,4-Dichlorobenzene	20	20.2	101.0		20.0	70 - 130
4-Isopropyltoluene	20	22.2	111.0		20.0	70 - 130
n-Butylbenzene	20	22.7	114.0		20.0	70 - 130
1,2-Dichlorobenzene	20	20.6	103.0		20.0	70 - 130
1,2-Dibromo-3-chloropropane	20	20.1	100.0		20.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

071707LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

COMPOUND	SPIKE ADDED UG/L	LCS CONCENTRATION UG/L	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	20	19.5	97.5		20.0	70 - 130
Hexachlorobutadiene	20	20.6	103.0		20.0	70 - 130
Naphthalene	20	19.4	97.0		20.0	70 - 130
1,2,3-Trichlorobenzene	20	21.2	106.0		20.0	70 - 130
MTBE	20	22.4	112.0		20.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

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CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507178

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3192LCS was analyzed with the water samples extracted on 07/17/07. The following analyte(s) had marginal exceedance limit failures: Benzoic acid at 0 % with criteria of (1.67-68.33).

LCS 3192LCSD was analyzed with the water samples extracted on 07/17/07. The following analyte(s) had marginal exceedance limit failures: Benzoic acid at 0 % with criteria of (1.67-68.33).

Samples coded accordingly.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507178

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 07/19/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Method: 8270

EPA Sample No	Lab Sample ID
NPP-MW-01	250717801
NPP-MW-01-DUP	250717802

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Sample Data

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-MW-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717801 Lab File ID: 178-01.D

Sample wt/vol: 950 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1235

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	4.2	U
62-53-3	Aniline	4.2	U
111-44-4	Bis(2-Chloroethyl)ether	4.2	U
108-95-2	Phenol	21	U
95-57-8	2-Chlorophenol	4.2	U
541-73-1	1,3-Dichlorobenzene	4.2	U
106-46-7	1,4-Dichlorobenzene	4.2	U
95-50-1	1,2-Dichlorobenzene	4.2	U
100-51-6	Benzyl alcohol	10.5	U
108-60-1	2,2-Oxybis(1-chloropropane)	4.2	U
95-48-7	2-Methylphenol (o-Cresol)	4.2	U
67-72-1	Hexachloroethane	4.2	U
621-64-7	N-Nitroso-di-n-propylamine	4.2	U
106-44-5	4-Methylphenol	10.5	U
98-95-3	Nitrobenzene	4.2	U
78-59-1	Isophorone	4.2	U
88-75-5	2-Nitrophenol	4.2	U
105-67-9	2,4-Dimethylphenol	4.2	U
65-85-0	Benzoic acid	21	U
111-91-1	Bis(2-Chloroethoxy)methane	4.2	U
120-83-2	2,4-Dichlorophenol	4.2	U
120-82-1	1,2,4-Trichlorobenzene	4.2	U
91-20-3	Naphthalene	4.2	U
106-47-8	4-Chloroaniline	4.2	U
91-57-6	2-Methylnaphthalene	4.2	U
87-68-3	Hexachlorobutadiene	4.2	U
59-50-7	4-Chloro-3-methylphenol	4.2	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717801 Lab File ID: 178-01.D

Sample wt/vol: 950 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1235

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	4.2	U
77-47-4	Hexachlorocyclopentadiene	4.2	U
88-06-2	2,4,6-Trichlorophenol	4.2	U
95-95-4	2,4,5-Trichlorophenol	4.2	U
91-58-7	2-Chloronaphthalene	4.2	U
88-74-4	2-Nitroaniline	4.2	U
208-96-8	Acenaphthylene	4.2	U
131-11-3	Dimethyl-phthalate	4.2	U
606-20-2	2,6-Dinitrotoluene	4.2	U
83-32-9	Acenaphthene	4.2	U
99-09-2	3-Nitroaniline	4.2	U
51-28-5	2,4-Dinitrophenol	21	U
132-64-9	Dibenzofuran	4.2	U
121-14-2	2,4-Dinitrotoluene	4.2	U
100-02-7	4-Nitrophenol	10.5	U
86-73-7	Fluorene	4.2	U
7005-72-3	4-Chlorophenyl-phenylether	4.2	U
84-66-2	Diethylphthalate	4.2	U
100-01-6	4-Nitroaniline	4.2	U
534-52-1	2-Methyl-4,6-dinitrophenol	21	U
86-30-6	N-Nitrosodiphenylamine	4.2	U
101-55-3	4-Bromophenyl-phenylether	4.2	U
118-74-1	Hexachlorobenzene	4.2	U
87-86-5	Pentachlorophenol	21	U
85-01-8	Phenanthrene	4.2	U
120-12-7	Anthracene	4.2	U
84-74-2	Di-n-butylphthalate	4.2	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717801 Lab File ID: 178-01.D

Sample wt/vol: 950 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1235

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	4.2	U
129-00-0	Pyrene	4.2	U
92-87-5	Benzidine	21	U
85-68-7	Butylbenzylphthalate	4.2	U
91-94-1	3,3'-Dichlorobenzidine	4.2	U
56-55-3	Benzo(a)anthracene	4.2	U
218-01-9	Chrysene	4.2	U
117-81-7	bis(2-ethylhexyl)phthalate	5.3	U
117-84-0	Di-n-octylphthalate	4.2	U
205-99-2	Benzo(b)fluoranthene	4.2	U
207-08-9	Benzo(k)fluoranthene	4.2	U
50-32-8	Benzo(a)pyrene	4.2	U
193-39-5	Indeno(1,2,3-cd)pyrene	4.2	U
53-70-3	Dibenz(a,h)anthracene	4.2	U
191-24-2	Benzo(g,h,i)perylene	4.2	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717802 Lab File ID: 178-02.D

Sample wt/vol: 960 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1304

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	4.2	U
62-53-3	Aniline	4.2	U
111-44-4	Bis(2-Chloroethyl)ether	4.2	U
108-95-2	Phenol	20.8	U
95-57-8	2-Chlorophenol	4.2	U
541-73-1	1,3-Dichlorobenzene	4.2	U
106-46-7	1,4-Dichlorobenzene	4.2	U
95-50-1	1,2-Dichlorobenzene	4.2	U
100-51-6	Benzyl alcohol	10.4	U
108-60-1	2,2-Oxybis(1-chloropropane)	4.2	U
95-48-7	2-Methylphenol (o-Cresol)	4.2	U
67-72-1	Hexachloroethane	4.2	U
621-64-7	N-Nitroso-di-n-propylamine	4.2	U
106-44-5	4-Methylphenol	10.4	U
98-95-3	Nitrobenzene	4.2	U
78-59-1	Isophorone	4.2	U
88-75-5	2-Nitrophenol	4.2	U
105-67-9	2,4-Dimethylphenol	4.2	U
65-85-0	Benzoic acid	20.8	U
111-91-1	Bis(2-Chloroethoxy)methane	4.2	U
120-83-2	2,4-Dichlorophenol	4.2	U
120-82-1	1,2,4-Trichlorobenzene	4.2	U
91-20-3	Naphthalene	4.2	U
106-47-8	4-Chloroaniline	4.2	U
91-57-6	2-Methylnaphthalene	4.2	U
87-68-3	Hexachlorobutadiene	4.2	U
59-50-7	4-Chloro-3-methylphenol	4.2	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717802 Lab File ID: 178-02.D

Sample wt/vol: 960 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1304

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	4.2	U
77-47-4	Hexachlorocyclopentadiene	4.2	U
88-06-2	2,4,6-Trichlorophenol	4.2	U
95-95-4	2,4,5-Trichlorophenol	4.2	U
91-58-7	2-Chloronaphthalene	4.2	U
88-74-4	2-Nitroaniline	4.2	U
208-96-8	Acenaphthylene	4.2	U
131-11-3	Dimethyl-phthalate	4.2	U
606-20-2	2,6-Dinitrotoluene	4.2	U
83-32-9	Acenaphthene	4.2	U
99-09-2	3-Nitroaniline	4.2	U
51-28-5	2,4-Dinitrophenol	20.8	U
132-64-9	Dibenzofuran	4.2	U
121-14-2	2,4-Dinitrotoluene	4.2	U
100-02-7	4-Nitrophenol	10.4	U
86-73-7	Fluorene	4.2	U
7005-72-3	4-Chlorophenyl-phenylether	4.2	U
84-66-2	Diethylphthalate	4.2	U
100-01-6	4-Nitroaniline	4.2	U
534-52-1	2-Methyl-4,6-dinitrophenol	20.8	U
86-30-6	N-Nitrosodiphenylamine	4.2	U
101-55-3	4-Bromophenyl-phenylether	4.2	U
118-74-1	Hexachlorobenzene	4.2	U
87-86-5	Pentachlorophenol	20.8	U
85-01-8	Phenanthrene	4.2	U
120-12-7	Anthracene	4.2	U
84-74-2	Di-n-butylphthalate	4.2	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717802 Lab File ID: 178-02.D

Sample wt/vol: 960 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1304

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	4.2	U
129-00-0	Pyrene	4.2	U
92-87-5	Benzidine	20.8	U
85-68-7	Butylbenzylphthalate	4.2	U
91-94-1	3,3'-Dichlorobenzidine	4.2	U
56-55-3	Benzo(a)anthracene	4.2	U
218-01-9	Chrysene	4.2	U
117-81-7	bis(2-ethylhexyl)phthalate	5.2	U
117-84-0	Di-n-octylphthalate	4.2	U
205-99-2	Benzo(b)fluoranthene	4.2	U
207-08-9	Benzo(k)fluoranthene	4.2	U
50-32-8	Benzo(a)pyrene	4.2	U
193-39-5	Indeno(1,2,3-cd)pyrene	4.2	U
53-70-3	Dibenz(a,h)anthracene	4.2	U
191-24-2	Benzo(g,h,i)perylene	4.2	U

QC Summary

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3192BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 245941 Lab File ID: 3192BLK.D

Sample wt/vol: 1000 Units: ML Date Received: 07/17/07

Concentrated Extract Volume: 1 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1108

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	4	U
62-53-3	Aniline	4	U
111-44-4	Bis(2-Chloroethyl)ether	4	U
108-95-2	Phenol	20	U
95-57-8	2-Chlorophenol	4	U
541-73-1	1,3-Dichlorobenzene	4	U
106-46-7	1,4-Dichlorobenzene	4	U
95-50-1	1,2-Dichlorobenzene	4	U
100-51-6	Benzyl alcohol	10	U
108-60-1	2,2-Oxybis(1-chloropropane)	4	U
95-48-7	2-Methylphenol (o-Cresol)	4	U
67-72-1	Hexachloroethane	4	U
621-64-7	N-Nitroso-di-n-propylamine	4	U
106-44-5	4-Methylphenol	10	U
98-95-3	Nitrobenzene	4	U
78-59-1	Isophorone	4	U
88-75-5	2-Nitrophenol	4	U
105-67-9	2,4-Dimethylphenol	4	U
65-85-0	Benzoic acid	20	U
111-91-1	Bis(2-Chloroethoxy)methane	4	U
120-83-2	2,4-Dichlorophenol	4	U
120-82-1	1,2,4-Trichlorobenzene	4	U
91-20-3	Naphthalene	4	U
106-47-8	4-Chloroaniline	4	U
91-57-6	2-Methylnaphthalene	4	U
87-68-3	Hexachlorobutadiene	4	U
59-50-7	4-Chloro-3-methylphenol	4	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3192BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 245941 Lab File ID: 3192BLK.D

Sample wt/vol: 1000 Units: ML Date Received: 07/17/07

Concentrated Extract Volume: 1 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1108

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	4	U
77-47-4	Hexachlorocyclopentadiene	4	U
88-06-2	2,4,6-Trichlorophenol	4	U
95-95-4	2,4,5-Trichlorophenol	4	U
91-58-7	2-Chloronaphthalene	4	U
88-74-4	2-Nitroaniline	4	U
208-96-8	Acenaphthylene	4	U
131-11-3	Dimethyl-phthalate	4	U
606-20-2	2,6-Dinitrotoluene	4	U
83-32-9	Acenaphthene	4	U
99-09-2	3-Nitroaniline	4	U
51-28-5	2,4-Dinitrophenol	20	U
132-64-9	Dibenzofuran	4	U
121-14-2	2,4-Dinitrotoluene	4	U
100-02-7	4-Nitrophenol	10	U
86-73-7	Fluorene	4	U
7005-72-3	4-Chlorophenyl-phenylether	4	U
84-66-2	Diethylphthalate	4	U
100-01-6	4-Nitroaniline	4	U
534-52-1	2-Methyl-4,6-dinitrophenol	20	U
86-30-6	N-Nitrosodiphenylamine	4	U
101-55-3	4-Bromophenyl-phenylether	4	U
118-74-1	Hexachlorobenzene	4	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	4	U
120-12-7	Anthracene	4	U
84-74-2	Di-n-butylphthalate	4	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3192BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 245941 Lab File ID: 3192BLK.D

Sample wt/vol: 1000 Units: ML Date Received: 07/17/07

Concentrated Extract Volume: 1 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1108

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	4	U
129-00-0	Pyrene	4	U
92-87-5	Benzidine	20	U
85-68-7	Butylbenzylphthalate	4	U
91-94-1	3,3'-Dichlorobenzidine	4	U
56-55-3	Benzo(a)anthracene	4	U
218-01-9	Chrysene	4	U
117-81-7	bis(2-ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	4	U
205-99-2	Benzo(b)fluoranthene	4	U
207-08-9	Benzo(k)fluoranthene	4	U
50-32-8	Benzo(a)pyrene	4	U
193-39-5	Indeno(1,2,3-cd)pyrene	4	U
53-70-3	Dibenz(a,h)anthracene	4	U
191-24-2	Benzo(g,h,i)perylene	4	U

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3192LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

COMPOUND	SPIKE ADDED UG/L	LCS CONCENTRATION UG/L	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	80	30.2	37.8		20.0	36 - 89
Aniline	40	33.7	84.2		20.0	45 - 155
Bis(2-Chloroethyl)ether	40	31.8	79.5		14.0	62 - 110
Phenol	40	18.7	46.8		20.0	30 - 74
2-Chlorophenol	40	34.2	85.5		15.0	51 - 105
1,3-Dichlorobenzene	40	26.2	65.5		16.0	36 - 100
1,4-Dichlorobenzene	40	26.5	66.2		16.0	38 - 100
1,2-Dichlorobenzene	40	26.5	66.2		20.0	40 - 100
Benzyl alcohol	40	35.4	88.5		20.0	60 - 110
2,2-Oxybis(1-chloropropane)	40	31.5	78.8		14.0	59 - 119
2-Methylphenol (o-Cresol)	40	28.4	71.0		15.0	47 - 110
Hexachloroethane	40	25	62.5		17.0	32 - 95
N-Nitroso-di-n-propylamine	40	33.4	83.5		20.0	57 - 120
4-Methylphenol	40	27.6	69.0		10.0	37 - 110
Nitrobenzene	40	36.3	90.8		20.0	61 - 110
Isophorone	40	32.1	80.2		20.0	68 - 110
2-Nitrophenol	40	37.4	93.5		20.0	48 - 115
2,4-Dimethylphenol	40	35.8	89.5		20.0	47 - 110
Benzoic acid	40	0	0.0 *		20.0	10 - 60
Bis(2-Chloroethoxy)methane	40	29.8	74.5		20.0	61 - 105
2,4-Dichlorophenol	40	36.3	90.8		20.0	54 - 105
1,2,4-Trichlorobenzene	40	29.2	73.0		18.0	45 - 105
Naphthalene	40	29	72.5		15.0	50 - 100
4-Chloroaniline	40	37	92.5		17.0	52 - 110
2-Methylnaphthalene	40	33	82.5		19.0	57 - 105
Hexachlorobutadiene	40	26.7	66.8		20.0	42 - 105
4-Chloro-3-methylphenol	40	35.8	89.5		12.0	55 - 110
1-Methylnaphthalene	40	33.4	83.5		17.0	53 - 125
Hexachlorocyclopentadiene	40	22.5	56.2		20.0	27 - 139
2,4,6-Trichlorophenol	40	35.8	89.5		19.0	53 - 115
2,4,5-Trichlorophenol	40	32.7	81.8		20.0	50 - 110
2-Chloronaphthalene	40	33	82.5		19.0	35 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

190707 1415

Form III

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3192LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

COMPOUND	SPIKE ADDED UG/L	LCS CONCENTRATION UG/L	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40	36	90.0		18.0	66 - 115
Acenaphthylene	40	31	77.5		15.0	58 - 105
Dimethyl-phthalate	40	34	85.0		15.0	62 - 125
2,6-Dinitrotoluene	40	37	92.5		17.0	69 - 115
Acenaphthene	40	30.2	75.5		20.0	60 - 110
3-Nitroaniline	40	36.3	90.8		20.0	61 - 125
2,4-Dinitrophenol	40	27.6	69.0		20.0	56 - 140
Dibenzofuran	40	34.4	86.0		20.0	64 - 105
2,4-Dinitrotoluene	40	37.5	93.8		18.0	69 - 120
4-Nitrophenol	40	18.1	45.2		20.0	27 - 80
Fluorene	40	30.5	76.2		20.0	62 - 110
4-Chlorophenyl-phenylether	40	34.1	85.2		20.0	60 - 110
Diethylphthalate	40	35.7	89.2		13.0	64 - 120
4-Nitroaniline	40	40.5	101.0		20.0	67 - 120
2-Methyl-4,6-dinitrophenol	40	42.1	105.0		19.0	44 - 130
N-Nitrosodiphenylamine	40	37.1	92.8		20.0	71 - 110
4-Bromophenyl-phenylether	40	36.1	90.2		17.0	54 - 113
Hexachlorobenzene	40	34.6	86.5		20.0	68 - 110
Pentachlorophenol	40	38.3	95.8		20.0	41 - 115
Phenanthrene	40	31.5	78.8		16.0	61 - 115
Anthracene	40	31.6	79.0		14.0	63 - 110
Di-n-butylphthalate	40	33.9	84.8		20.0	65 - 115
Fluoranthene	40	32.6	81.5		11.0	64 - 115
Pyrene	40	32.7	81.8		20.0	62 - 130
Benzidine	40	0	0.0		136.0	0 - 98
Butylbenzylphthalate	40	34.3	85.8		20.0	64 - 115
3,3'-Dichlorobenzidine	40	32.9	82.2		15.0	55 - 110
Benzo(a)anthracene	40	29.5	73.8		20.0	63 - 110
Chrysene	40	32.4	81.0		15.0	60 - 110
bis(2-ethylhexyl)phthalate	40	34.8	87.0		20.0	63 - 125
Di-n-octylphthalate	40	33	82.5		20.0	57 - 135
Benzo(b)fluoranthene	40	31.1	77.8		17.0	60 - 120

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

190707 1415

Form III

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3192LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

COMPOUND	SPIKE ADDED UG/L	LCS CONCENTRATION UG/L	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40	33.4	83.5		17.0	54 - 125
Benzo(a)pyrene	40	32	80.0		19.0	60 - 110
Indeno(1,2,3-cd)pyrene	40	23.4	58.5		20.0	45 - 125
Dibenz(a,h)anthracene	40	25.1	62.8		20.0	41 - 125
Benzo(g,h,i)perylene	40	23.3	58.2		20.0	40 - 125

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

190707 1415

Form III

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3192LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

COMPOUND	SPIKE ADDED UG/L	LCS CONCENTRATION UG/L	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	80	30.2	37.8	0.0	20.0	36 - 89
Aniline	40	33	82.5	2.1	20.0	45 - 155
Bis(2-Chloroethyl)ether	40	31.8	79.5	0.0	14.0	62 - 110
Phenol	40	19.1	47.8	2.1	20.0	30 - 74
2-Chlorophenol	40	33.9	84.8	0.9	15.0	51 - 105
1,3-Dichlorobenzene	40	28.7	71.8	9.1	16.0	36 - 100
1,4-Dichlorobenzene	40	28.5	71.2	7.3	16.0	38 - 100
1,2-Dichlorobenzene	40	28.4	71.0	6.9	20.0	40 - 100
Benzyl alcohol	40	35.2	88.0	0.6	20.0	60 - 110
2,2-Oxybis(1-chloropropane)	40	31.6	79.0	0.3	14.0	59 - 119
2-Methylphenol (o-Cresol)	40	28.3	70.8	0.4	15.0	47 - 110
Hexachloroethane	40	27.2	68.0	8.4	17.0	32 - 95
N-Nitroso-di-n-propylamine	40	32.9	82.2	1.5	20.0	57 - 120
4-Methylphenol	40	28.2	70.5	2.2	10.0	37 - 110
Nitrobenzene	40	35.4	88.5	2.5	20.0	61 - 110
Isophorone	40	31.5	78.8	1.9	20.0	68 - 110
2-Nitrophenol	40	36.7	91.8	1.9	20.0	48 - 115
2,4-Dimethylphenol	40	34.3	85.8	4.3	20.0	47 - 110
Benzoic acid	40	0	0.0 *		20.0	10 - 60
Bis(2-Chloroethoxy)methane	40	28.6	71.5	4.1	20.0	61 - 105
2,4-Dichlorophenol	40	35.8	89.5	1.4	20.0	54 - 105
1,2,4-Trichlorobenzene	40	30.3	75.8	3.7	18.0	45 - 105
Naphthalene	40	29.2	73.0	0.7	15.0	50 - 100
4-Chloroaniline	40	35.3	88.2	4.7	17.0	52 - 110
2-Methylnaphthalene	40	33.2	83.0	0.6	19.0	57 - 105
Hexachlorobutadiene	40	28.1	70.2	5.1	20.0	42 - 105
4-Chloro-3-methylphenol	40	35.2	88.0	1.7	12.0	55 - 110
1-Methylnaphthalene	40	33.4	83.5	0.0	17.0	53 - 125
Hexachlorocyclopentadiene	40	22.5	56.2	0.0	20.0	27 - 139
2,4,6-Trichlorophenol	40	35.7	89.2	0.3	19.0	53 - 115
2,4,5-Trichlorophenol	40	31.8	79.5	2.8	20.0	50 - 110
2-Chloronaphthalene	40	33	82.5	0.0	19.0	35 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

190707 1415

Form III

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3192LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

COMPOUND	SPIKE ADDED UG/L	LCS CONCENTRATION UG/L	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40	35.7	89.2	0.8	18.0	66 - 115
Acenaphthylene	40	30.3	75.8	2.3	15.0	58 - 105
Dimethyl-phthalate	40	33.3	83.2	2.1	15.0	62 - 125
2,6-Dinitrotoluene	40	37	92.5	0.0	17.0	69 - 115
Acenaphthene	40	30.1	75.2	0.3	20.0	60 - 110
3-Nitroaniline	40	36	90.0	0.8	20.0	61 - 125
2,4-Dinitrophenol	40	27.9	69.8	1.1	20.0	56 - 140
Dibenzofuran	40	33.8	84.5	1.8	20.0	64 - 105
2,4-Dinitrotoluene	40	37.4	93.5	0.3	18.0	69 - 120
4-Nitrophenol	40	18.4	46.0	1.6	20.0	27 - 80
Fluorene	40	30.1	75.2	1.3	20.0	62 - 110
4-Chlorophenyl-phenylether	40	34.1	85.2	0.0	20.0	60 - 110
Diethylphthalate	40	35.2	88.0	1.4	13.0	64 - 120
4-Nitroaniline	40	39.6	99.0	2.2	20.0	67 - 120
2-Methyl-4,6-dinitrophenol	40	42.6	106.0	1.2	19.0	44 - 130
N-Nitrosodiphenylamine	40	37.3	93.2	0.5	20.0	71 - 110
4-Bromophenyl-phenylether	40	36.1	90.2	0.0	17.0	54 - 113
Hexachlorobenzene	40	34.7	86.8	0.3	20.0	68 - 110
Pentachlorophenol	40	38.4	96.0	0.3	20.0	41 - 115
Phenanthrene	40	31.5	78.8	0.0	16.0	61 - 115
Anthracene	40	31	77.5	1.9	14.0	63 - 110
Di-n-butylphthalate	40	34.1	85.2	0.6	20.0	65 - 115
Fluoranthene	40	32.6	81.5	0.0	11.0	64 - 115
Pyrene	40	32.1	80.2	1.9	20.0	62 - 130
Benzidine	40	0	0.0		136.0	0 - 98
Butylbenzylphthalate	40	34	85.0	0.9	20.0	64 - 115
3,3'-Dichlorobenzidine	40	32.6	81.5	0.9	15.0	55 - 110
Benzo(a)anthracene	40	28.4	71.0	3.8	20.0	63 - 110
Chrysene	40	32.6	81.5	0.6	15.0	60 - 110
bis(2-ethylhexyl)phthalate	40	34.5	86.2	0.9	20.0	63 - 125
Di-n-octylphthalate	40	32.5	81.2	1.5	20.0	57 - 135
Benzo(b)fluoranthene	40	28.7	71.8	8.0	17.0	60 - 120

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3192LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

COMPOUND	SPIKE ADDED UG/L	LCS CONCENTRATION UG/L	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40	37.3	93.2	11.0	17.0	54 - 125
Benzo(a)pyrene	40	31	77.5	3.2	19.0	60 - 110
Indeno(1,2,3-cd)pyrene	40	21.9	54.8	6.6	20.0	45 - 125
Dibenz(a,h)anthracene	40	25.3	63.2	0.8	20.0	41 - 125
Benzo(g,h,i)perylene	40	23.7	59.2	1.7	20.0	40 - 125

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

GC/ECD PCB ORGANICS

METHOD 8082

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CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507178

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507178

Client: T N & Associates, Inc.

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 07/19/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Method: 8082

EPA Sample No	Lab Sample ID
NPP-MW-01	250717801
NPP-MW-01-DUP	250717802

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Sample Data

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1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-MW-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717801 Lab File ID: 178-1.D

Sample wt/vol: 950 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1810

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	0.53	U
11096-82-5	Aroclor-1260	0.53	U
11104-28-2	Aroclor-1221	0.53	U
11141-16-5	Aroclor-1232	0.53	U
53469-21-9	Aroclor-1242	0.53	U
12672-29-6	Aroclor-1248	0.53	U
11097-69-1	Aroclor-1254	0.53	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-MW-01-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717802 Lab File ID: 178-2.D

Sample wt/vol: 950 Units: ML Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1842

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	0.53	U
11096-82-5	Aroclor-1260	0.53	U
11104-28-2	Aroclor-1221	0.53	U
11141-16-5	Aroclor-1232	0.53	U
53469-21-9	Aroclor-1242	0.53	U
12672-29-6	Aroclor-1248	0.53	U
11097-69-1	Aroclor-1254	0.53	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 189BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 245910 Lab File ID: 189BLK.D

Sample wt/vol: 1000 Units: ML Date Received: 07/17/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/18/07 Time: 1636

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	0.5	U
11096-82-5	Aroclor-1260	0.5	U
11104-28-2	Aroclor-1221	0.5	U
11141-16-5	Aroclor-1232	0.5	U
53469-21-9	Aroclor-1242	0.5	U
12672-29-6	Aroclor-1248	0.5	U
11097-69-1	Aroclor-1254	0.5	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

189LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

COMPOUND	SPIKE ADDED UG/L	LCS CONCENTRATION UG/L	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	10.8	108.0		15.0	39 - 122
Aroclor-1260	10	9.3	93.0		12.0	30 - 118

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

189LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

COMPOUND	SPIKE ADDED UG/L	LCS CONCENTRATION UG/L	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	10	100.0	7.7	15.0	39 - 122
Aroclor-1260	10	9.2	92.0	1.1	12.0	30 - 118

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507178

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Water samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3010A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met. No action required. The following ICB/CCB(s) had element concentrations below the RL:

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 245828BLK was analyzed with the water samples on 07/16/07. The following analyte(s) were detected below RL: Iron at 7.87 UG/L, Potassium at 53.1 UG/L, Thallium at 5.71 UG/L.
Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507178

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

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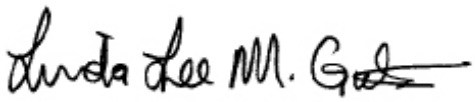


SIGNED: **DATE: 07/19/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507178

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Water samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507178

Client: T N & Associates, Inc.

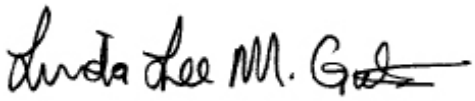
D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 07/19/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No. SDG No.: 2507178

SOW No.:

EPA Sample No	Lab Sample ID
NPP-MW-01	250717801
NPP-MW-01-DUP	250717802

Were ICP interelement corrections applied?	Yes/No	Yes
Were ICP background corrections applied?	Yes/No	Yes
If yes - were raw data generated before application of background corrections?	Yes/No	No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717801

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2880			P
7440-36-0	Antimony	22.5			P
7440-38-2	Arsenic	6.95	B		P
7440-39-3	Barium	62.9			P
7440-41-7	Beryllium	0.188	B		P
7440-43-9	Cadmium	2.74	B		P
7440-70-2	Calcium	63800			P
7440-47-3	Chromium	0.497	B		P
7440-48-4	Cobalt	6.46	B		P
7440-50-8	Copper	18.9			P
7439-89-6	Iron	14900			P
7439-92-1	Lead	10.7	B		P
7439-95-4	Magnesium	5230			P
7439-96-5	Manganese	257			P
7439-97-6	Mercury	0.025	U		CV
7440-02-0	Nickel	4.64	B		P
7440-09-7	Potassium	3670			P
7782-49-2	Selenium	4	U		P
7440-22-4	Silver	0.51	U		P
7440-23-5	Sodium	22400			P
7440-28-0	Thallium	4	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717801

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	3.21	B		P
7440-66-6	Zinc	5.64	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717802

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3080			P
7440-36-0	Antimony	26			P
7440-38-2	Arsenic	4.3	U		P
7440-39-3	Barium	65.3			P
7440-41-7	Beryllium	0.26	B		P
7440-43-9	Cadmium	2.26	B		P
7440-70-2	Calcium	64400			P
7440-47-3	Chromium	3.35	B		P
7440-48-4	Cobalt	6.5	B		P
7440-50-8	Copper	16.1			P
7439-89-6	Iron	14500			P
7439-92-1	Lead	12.8	B		P
7439-95-4	Magnesium	5230			P
7439-96-5	Manganese	255			P
7439-97-6	Mercury	0.025	U		CV
7440-02-0	Nickel	4.2	B		P
7440-09-7	Potassium	3690			P
7782-49-2	Selenium	4	U		P
7440-22-4	Silver	0.51	U		P
7440-23-5	Sodium	22500			P
7440-28-0	Thallium	4	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-MW-01-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Lab Sample ID: 250717802

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	3.49	B		P
7440-66-6	Zinc	6.8	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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QC Summary

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DUPLICATES

EPA Sample No.

245830LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Level:(low/med) LOW

% Solids for Sample: 0 % Solids for Duplicate: 0

Concentration Units (mg/L or mg/kg): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	48400		48700		0.6		P
Antimony	20	495		497		0.4		P
Arsenic	20	495		488		1.4		P
Barium	20	1430		1440		0.7		P
Beryllium	20	510		511		0.2		P
Cadmium	20	484		483		0.2		P
Calcium	20	47100		47400		0.6		P
Chromium	20	487		493		1.2		P
Cobalt	20	476		480		0.8		P
Copper	20	485		493		1.6		P
Iron	20	50000		50600		1.2		P
Lead	20	501		498		0.6		P
Magnesium	20	47000		47200		0.4		P
Manganese	20	489		491		0.4		P
Nickel	20	482		484		0.4		P
Potassium	20	46900		47000		0.2		P
Silver	20	195		200		2.5		P
Sodium	20	48000		48100		0.2		P
Thallium	20	479		475		0.8		P
Vanadium	20	505		511		1.2		P
Zinc	20	479		480		0.2		P

Comments:

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DUPLICATES

EPA Sample No.

245830LCSDR1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Level:(low/med) LOW

% Solids for Sample: 0 % Solids for Duplicate: 0

Concentration Units (mg/L or mg/kg): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Selenium	20	454		454		0.0		P

Comments:

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DUPLICATES

EPA Sample No.

245844LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Matrix: WATER Level:(low/med) LOW

% Solids for Sample: 0 % Solids for Duplicate: 0

Concentration Units (mg/L or mg/kg): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	3.15		3.07		2.6		CV

Comments:

190707 1415

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

245829LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Solid LCS Source:

Aqueous LCS Source: 19433, 18965

	Aqueous (UG/L)			Solid				
Analyte	True	Found	%R	True	Found	C	Limits	%R
Aluminum	50000	48400	96.8				-	
Antimony	500	495	99.0				-	
Arsenic	500	495	99.0				-	
Barium	1500	1430	95.3				-	
Beryllium	500	510	102.0				-	
Cadmium	500	484	96.8				-	
Calcium	50000	47100	94.2				-	
Chromium	500	487	97.4				-	
Cobalt	500	476	95.2				-	
Copper	500	485	97.0				-	
Iron	50000	50000	100.0				-	
Lead	500	501	100.2				-	
Magnesium	50000	47000	94.0				-	
Manganese	500	489	97.8				-	
Nickel	500	482	96.4				-	
Potassium	50000	46900	93.8				-	
Silver	200	195	97.5				-	
Sodium	50000	48000	96.0				-	
Thallium	500	479	95.8				-	
Vanadium	500	505	101.0				-	
Zinc	500	479	95.8				-	

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LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 245829LCSR1

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Solid LCS Source:

Aqueous LCS Source: 19433, 18965

	Aqueous (UG/L)			Solid				
Analyte	True	Found	%R	True	Found	C	Limits	%R
Selenium	500	454	90.8				-	

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LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 245830LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Solid LCS Source:

Aqueous LCS Source: 19433, 18965

	Aqueous (UG/L)			Solid				
Analyte	True	Found	%R	True	Found	C	Limits	%R
Aluminum	50000	48700	97.4				-	
Antimony	500	497	99.4				-	
Arsenic	500	488	97.6				-	
Barium	1500	1440	96.0				-	
Beryllium	500	511	102.2				-	
Cadmium	500	483	96.6				-	
Calcium	50000	47400	94.8				-	
Chromium	500	493	98.6				-	
Cobalt	500	480	96.0				-	
Copper	500	493	98.6				-	
Iron	50000	50600	101.2				-	
Lead	500	498	99.6				-	
Magnesium	50000	47200	94.4				-	
Manganese	500	491	98.2				-	
Nickel	500	484	96.8				-	
Potassium	50000	47000	94.0				-	
Silver	200	200	100.0				-	
Sodium	50000	48100	96.2				-	
Thallium	500	475	95.0				-	
Vanadium	500	511	102.2				-	
Zinc	500	480	96.0				-	

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LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 245830LCSDR1

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Solid LCS Source:

Aqueous LCS Source: 19433, 18965

	Aqueous (UG/L)			Solid				
Analyte	True	Found	%R	True	Found	C	Limits	%R
Selenium	500	454	90.8				-	

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LABORATORY CONTROL SAMPLE

EPA Sample No.

245844LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Solid LCS Source:

Aqueous LCS Source: MET-60901

	Aqueous (UG/L)			Solid				
Analyte	True	Found	%R	True	Found	C	Limits	%R
Mercury	3	3.15	105.0				-	

190707 1415

U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

EPA Sample No.

245844LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507178

Solid LCS Source:

Aqueous LCS Source: MET-60901

	Aqueous (UG/L)			Solid				
Analyte	True	Found	%R	True	Found	C	Limits	%R
Mercury	3	3.07	102.3				-	

190707 1415

Chain of Custody Documentation

190707 1415

Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507170 KC

Company: TN & A SOC	Project Name/Number: NATIONAL PETROLEUM 2005148 - 1089	Page 1 of 1
Address: 1220 KENNESTON CIR MARIETTA GA	Project Manager: L. VON OLDENBURG	DEP Form #: 62-770.900(2)
Phone: 678-355-5550 Fax:	Purchase Order:	Form Title: Chain of Custody Record
Print Names(s) / Affiliation: L. VON OLDENBURG	Preservatives (see codes): O I I N I I	Effective Date: September 23, 1997
Sampler(s) Signature(s):	Analyses Requested: 8260 8270 Metals TAL PCBS	FDEP Facility No.
		Project Name:
		Sampling CompQAP No:
		Approval Date:
		REQUESTED DUE DATE / /

Item No.	Field ID No. 7-12-7	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	8260	8270	Metals TAL	PCBS	Remarks	Lab. No.
1	MPF-MW-01-	7-12-7	10:30	G	GW	6	X	X	X	X		01
2	MPF MW-01-DUP	7-12-7	10:30	G	GW	6	X	X	X	X		02
	TRIP BLANK	7/12/07	—		W	1	X					03

Shipment Method: 12 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		[signature] PEL	07/10/07	1400			
Additional Comments:			[signature]	7/12/7	1600	[signature] PEL	07/13/07	1016
Rec'd @ 4.0°C								
pH<2 (6010, 8260 (01))								
pH=7 (8260 (02))								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507178

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FedEx Express US Airbill

FedEx Tracking Number 8605 8942 3177

Form ID No. 0200

Recipient's Copy

1 From

Date 7-12-0

Sender's Name Lvo Phone 678 355 55[illegible]

Company TN & Assoc. Inc

Address 1200 [illegible] Cir

Dept./Floor/Suite/Room

City Marietta State GA ZIP [illegible]

2 Your Internal Billing Reference [illegible]

3 To

Recipient's Name [illegible] Phone 813 247 [illegible]

Company PSL LAB

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address 4420 Pendola Point Rd

To request a package be held at a specific FedEx location, print FedEx address here.

City Tampa State FL ZIP 33619

8605 8942 3177

4a Express Package Service *Packages up to 150 lbs.*

- [ ] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [x] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ____

** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	46	$ .00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [x] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

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2507 8

PEL Laboratories, Inc.

pH LOG SHEET

Work Order # 2507178 By KC

Client / Project Name NAT'L PETRO. PACKERS Date 7/13/07

PEL Sample Number	H_2SO_4 (pH<2)		HNO_3 (pH<2)		NaOH (pH>12)		ZnAC/NaOH (pH>9)		HCl (pH<2)		Other _____ pH _____	
	No. of Containers	pH	No. of Containers	pH	No. of Containers	pH	No. of Containers	pH	No. of Containers	pH	No. of Containers	pH
01			1	<2					3	<2		
02			↓	↓					↓	7		

2507178

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507178	**Req:**	83511
Client:	TN&A	**Project:**	National Petroleum Packers
Level:	2	**Date Rec'd:**	7/13/07 10:10:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	07/25/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0c	**All Samples Rec'd Intact?**	Yes
pH Verified?	Yes	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	Yes	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):		**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507178 **Profile Name:** Nat'l Petro. **Profile #:** 83511

MATRIX ***W***

Sample #	Parameter		Relinquished	Received	Date	Time
01 & 02	7470	Mercury	J	BMD	71407	1200
01 & 02	7470	Mercury	N/A			
01 & 02	6010	Metals	J	BMD	71407	1200
01 & 02	6010	Metals	N/A			
01 - 03	8260	Volatile Organic Compounds	J	MS,	7/16/07	9:00
01 - 03	8260	Volatile Organic Compounds		consuming		
01 & 02	8270	GCMS semivolatile	J	PC	7/17/07	925
01 & 02	8270	GCMS semivolatile	Consumed			
01 & 02	8082	PCB	J		7/17/07	8:35
01 & 02	8082	PCB	CONSUMED			

Additional:

Comments:

Addendum

190707 1415

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 7/13/2007 10:10:00 AM

Date to be Reported: 7/27/2007

Laboratory Submission Number/SDG: 2507178

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507178

Project: National Petroleum Packers

Samples: The submission consisted of 3 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

15-day TAT.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level 2

Total of: 11 analyses on 3 samples (including QC) *16-Jul-07*

Report/SDG #: 2507178

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-MW-01	250717801		W	7/12/2007 10:30:00 AM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-MW-01-DUP	250717802		W	7/12/2007 10:30:00 AM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
TRIP BLANK	250717803		WQ	7/12/2007	7/13/2007 10:10:00 AM

Method		
8260	Volatile Organic Compounds	8260

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	7/13/2007 10:10:00 AM
Date Reported:	7/23/2007
Laboratory Submission Number/SDG:	2507182
Project:	National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

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EXECUTIVE SUMMARY - Detection Highlights

2507182

SAMPLE ID: NPP-CARBON1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	545	6.84	MG/KG	SW6010B
Antimony	2.91	0.684	MG/KG	SW6010B
Arsenic	3.21	0.684	MG/KG	SW6010B
Barium	28	0.342	MG/KG	SW6010B
Beryllium	1.28	0.342	MG/KG	SW6010B
Cadmium	0.137 B	0.342	MG/KG	SW6010B
Calcium	567	6.84	MG/KG	SW6010B
Chromium	2.97	0.342	MG/KG	SW6010B
Cobalt	3.56	0.342	MG/KG	SW6010B
Copper	11.4	0.342	MG/KG	SW6010B
Iron	13100	3.42	MG/KG	SW6010B
Magnesium	101	6.84	MG/KG	SW6010B
Manganese	35.4	0.342	MG/KG	SW6010B
Nickel	5.56	0.342	MG/KG	SW6010B
Potassium	328	34.2	MG/KG	SW6010B
Selenium	3.33	0.684	MG/KG	SW6010B
Sodium	440	20.5	MG/KG	SW6010B
Vanadium	8.86	0.342	MG/KG	SW6010B
Zinc	3.13	0.684	MG/KG	SW6010B
Mercury	0.00228 B	0.0111	MG/KG	SW7470A
1,2,4-Trimethylbenzene	461 J	787	UG/KG	SW8260B
2-Butanone	3410 J	3940	UG/KG	SW8260B
4-Isopropyltoluene	1330	787	UG/KG	SW8260B
4-Methyl-2-pentanone	686 J	1570	UG/KG	SW8260B
Acetone	6120	3940	UG/KG	SW8260B
Benzene	1600	787	UG/KG	SW8260B
Ethylbenzene	1440	787	UG/KG	SW8260B
Isopropylbenzene (Cum	873	787	UG/KG	SW8260B
Naphthalene	859	787	UG/KG	SW8260B
o-Xylene	490 J	787	UG/KG	SW8260B
p,m-Xylene	1180 J	1570	UG/KG	SW8260B
Styrene	963	787	UG/KG	SW8260B
Toluene	3780	787	UG/KG	SW8260B
2,4-Dimethylphenol	42900	38500	UG/KG	SW8270C
2-Methylnaphthalene	6220 J	38500	UG/KG	SW8270C
2-Methylphenol (o-Creso	36400 J	38500	UG/KG	SW8270C
4-Chloro-3-methylphenol	74200	38500	UG/KG	SW8270C
4-Methylphenol	161000	38500	UG/KG	SW8270C
N-Nitrosodiphenylamine	11500 J	38500	UG/KG	SW8270C
Phenol	736000	192000	UG/KG	SW8270C

230707 1754

EXECUTIVE SUMMARY - Detection Highlights

2507182

SAMPLE ID: NPP-T03

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	206	0.99	MG/KG	SW6010B
Arsenic	1.57	0.99	MG/KG	SW6010B
Calcium	41.9	9.9	MG/KG	SW6010B
Chromium	0.231 B	0.495	MG/KG	SW6010B
Cobalt	0.432 B	0.495	MG/KG	SW6010B
Copper	1.26	0.495	MG/KG	SW6010B
Iron	84.3	4.95	MG/KG	SW6010B
Magnesium	5.01 B	9.9	MG/KG	SW6010B
Manganese	1.29	0.495	MG/KG	SW6010B
Nickel	0.397 B	0.495	MG/KG	SW6010B
Potassium	1550	49.5	MG/KG	SW6010B
Selenium	2.11	0.99	MG/KG	SW6010B
Sodium	21700	29.7	MG/KG	SW6010B
Zinc	1.66	0.99	MG/KG	SW6010B
Mercury	0.0043 B	0.0194	MG/KG	SW7470A
1,2-Dichlorobenzene	316 J	483	UG/KG	SW8260B
2-Butanone	4080	2420	UG/KG	SW8260B
Acetone	5880	2420	UG/KG	SW8260B
Isopropylbenzene (Cum	163 J	483	UG/KG	SW8260B
Naphthalene	3530	483	UG/KG	SW8260B
2-Methylnaphthalene	6020 J	33400	UG/KG	SW8270C
2-Methylphenol (o-Creso	12200 J	33400	UG/KG	SW8270C
4-Methylphenol	35700	33400	UG/KG	SW8270C
Phenol	400000	167000	UG/KG	SW8270C

SAMPLE ID: NPP-T06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.824 B	0.969	MG/KG	SW6010B
Barium	0.364 B	0.484	MG/KG	SW6010B
Calcium	80.3	9.69	MG/KG	SW6010B
Copper	7.64	0.484	MG/KG	SW6010B
Iron	263	4.84	MG/KG	SW6010B
Lead	0.393 B	0.659	MG/KG	SW6010B
Magnesium	11	9.69	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507182

Manganese	1.35	0.484	MG/KG	SW6010B
Potassium	21.2 B	48.4	MG/KG	SW6010B
Selenium	0.722 B	0.969	MG/KG	SW6010B
Sodium	20.1 B	29.1	MG/KG	SW6010B
Zinc	32.3	0.969	MG/KG	SW6010B
Mercury	0.00489 B	0.0191	MG/KG	SW7470A
1,2,4-Trimethylbenzene	2040	654	UG/KG	SW8260B
1,3,5-Trimethylbenzene	649 J	654	UG/KG	SW8260B
2-Butanone	3140 J	3270	UG/KG	SW8260B
2-Hexanone	1140 J	1310	UG/KG	SW8260B
4-Isopropyltoluene	131 J	654	UG/KG	SW8260B
4-Methyl-2-pentanone	1460	1310	UG/KG	SW8260B
Acetone	3970	3270	UG/KG	SW8260B
Ethylbenzene	925	654	UG/KG	SW8260B
Naphthalene	16400	654	UG/KG	SW8260B
n-Propylbenzene	158 J	654	UG/KG	SW8260B
o-Xylene	1670	654	UG/KG	SW8260B
p,m-Xylene	3940	1310	UG/KG	SW8260B
Toluene	2190	654	UG/KG	SW8260B
1-Methylnaphthalene	67700	36700	UG/KG	SW8270C
2-Methylnaphthalene	111000	36700	UG/KG	SW8270C
bis(2-ethylhexyl)phthalat	42800	36700	UG/KG	SW8270C
Naphthalene	23300 J	36700	UG/KG	SW8270C
N-Nitrosodiphenylamine	30300 J	36700	UG/KG	SW8270C
Phenol	18800 J	184000	UG/KG	SW8270C

SAMPLE ID: NPP-T08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	91.7	0.978	MG/KG	SW6010B
Arsenic	0.519 B	0.978	MG/KG	SW6010B
Barium	0.269 B	0.489	MG/KG	SW6010B
Cadmium	0.0608 B	0.489	MG/KG	SW6010B
Calcium	164	9.78	MG/KG	SW6010B
Chromium	0.227 B	0.489	MG/KG	SW6010B
Cobalt	0.254 B	0.489	MG/KG	SW6010B
Copper	14.9	0.489	MG/KG	SW6010B
Iron	849	4.89	MG/KG	SW6010B
Lead	4.31	0.665	MG/KG	SW6010B
Magnesium	207	9.78	MG/KG	SW6010B
Manganese	62.6	0.489	MG/KG	SW6010B

230707 1754

EXECUTIVE SUMMARY - Detection Highlights

2507182

Nickel	0.982	0.489	MG/KG	SW6010B
Potassium	1380	48.9	MG/KG	SW6010B
Selenium	2.06	0.978	MG/KG	SW6010B
Sodium	1430	29.4	MG/KG	SW6010B
Zinc	27.9	0.978	MG/KG	SW6010B
Mercury	0.00499 B	0.0194	MG/KG	SW7470A
Naphthalene	670	483	UG/KG	SW8260B
2,4-Dimethylphenol	24900 J	31800	UG/KG	SW8270C
4-Methylphenol	11900 J	31800	UG/KG	SW8270C
Phenol	331000	159000	UG/KG	SW8270C

SAMPLE ID: NPP-T10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	129	0.973	MG/KG	SW6010B
Arsenic	0.639 B	0.973	MG/KG	SW6010B
Calcium	7.56 B	9.73	MG/KG	SW6010B
Cobalt	0.171 B	0.486	MG/KG	SW6010B
Copper	1.59	0.486	MG/KG	SW6010B
Iron	126	4.86	MG/KG	SW6010B
Magnesium	3.03 B	9.73	MG/KG	SW6010B
Manganese	3.04	0.486	MG/KG	SW6010B
Nickel	0.372 B	0.486	MG/KG	SW6010B
Potassium	969	48.6	MG/KG	SW6010B
Selenium	3.46	0.973	MG/KG	SW6010B
Sodium	871	29.2	MG/KG	SW6010B
Mercury	0.00455 B	0.0198	MG/KG	SW7470A
Acetone	1240 J	2400	UG/KG	SW8260B
Naphthalene	361 J	481	UG/KG	SW8260B
Phenol	91700 J	163000	UG/KG	SW8270C

SAMPLE ID: NPP-T11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.44 B	9.58	MG/KG	SW6010B
Antimony	400	0.958	MG/KG	SW6010B
Arsenic	1.58	0.958	MG/KG	SW6010B
Cadmium	0.0958 B	0.479	MG/KG	SW6010B
Calcium	87.5	9.58	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Chromium	2.96	0.479	MG/KG	SW6010B
Cobalt	1.42	0.479	MG/KG	SW6010B
Copper	42.8	0.479	MG/KG	SW6010B
Iron	2040	4.79	MG/KG	SW6010B
Lead	12.1	0.651	MG/KG	SW6010B
Magnesium	11.8	9.58	MG/KG	SW6010B
Manganese	12.5	0.479	MG/KG	SW6010B
Nickel	3.03	0.479	MG/KG	SW6010B
Potassium	454	47.9	MG/KG	SW6010B
Selenium	2.42	0.958	MG/KG	SW6010B
Sodium	18000	28.7	MG/KG	SW6010B
Zinc	99.8	0.958	MG/KG	SW6010B
Mercury	0.00545 B	0.0198	MG/KG	SW7470A
2-Butanone	2260 J	2460	UG/KG	SW8260B
Acetone	834 J	2460	UG/KG	SW8260B
p,m-Xylene	451 J	985	UG/KG	SW8260B
Phenol	48800 J	150000	UG/KG	SW8270C

SAMPLE ID: NPP-T13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.17 B	10	MG/KG	SW6010B
Antimony	84.8	1	MG/KG	SW6010B
Arsenic	0.906 B	1	MG/KG	SW6010B
Calcium	21.2	10	MG/KG	SW6010B
Chromium	0.252 B	0.5	MG/KG	SW6010B
Cobalt	0.0995 B	0.5	MG/KG	SW6010B
Copper	5.81	0.5	MG/KG	SW6010B
Iron	2000	5	MG/KG	SW6010B
Lead	14.6	0.68	MG/KG	SW6010B
Magnesium	16.3	10	MG/KG	SW6010B
Manganese	27	0.5	MG/KG	SW6010B
Nickel	4.7	0.5	MG/KG	SW6010B
Potassium	76.6	50	MG/KG	SW6010B
Selenium	2.37	1	MG/KG	SW6010B
Sodium	486	30	MG/KG	SW6010B
Zinc	15.6	1	MG/KG	SW6010B
Mercury	0.0058 B	0.0198	MG/KG	SW7470A
Acetone	1480 J	2270	UG/KG	SW8260B
Phenol	31200 J	167000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPP-T13DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Benzoic acid	3750000	1670000	UG/KG	SW8270C

SAMPLE ID: NPP-T14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	3.5 B	9.63	MG/KG	SW6010B
Antimony	183	0.963	MG/KG	SW6010B
Arsenic	1.46	0.963	MG/KG	SW6010B
Calcium	3.45 B	9.63	MG/KG	SW6010B
Chromium	0.416 B	0.482	MG/KG	SW6010B
Cobalt	0.388 B	0.482	MG/KG	SW6010B
Iron	15.6	4.82	MG/KG	SW6010B
Nickel	3.19	0.482	MG/KG	SW6010B
Potassium	1400	48.2	MG/KG	SW6010B
Selenium	2.61	0.963	MG/KG	SW6010B
Zinc	0.563 B	0.963	MG/KG	SW6010B
Mercury	0.00378 B	0.02	MG/KG	SW7470A
1,2,4-Trimethylbenzene	663	463	UG/KG	SW8260B
2-Butanone	1240 J	2310	UG/KG	SW8260B
Acetone	3190	2310	UG/KG	SW8260B
Isopropylbenzene (Cum	424 J	463	UG/KG	SW8260B
Naphthalene	3380	463	UG/KG	SW8260B
n-Butylbenzene	104 J	463	UG/KG	SW8260B
n-Propylbenzene	73.8 J	463	UG/KG	SW8260B
o-Xylene	373 J	463	UG/KG	SW8260B
p,m-Xylene	456 J	926	UG/KG	SW8260B
Toluene	248 J	463	UG/KG	SW8260B
2,4-Dimethylphenol	12200 J	28600	UG/KG	SW8270C
2-Methylnaphthalene	7470 J	28600	UG/KG	SW8270C
2-Methylphenol (o-Creso	21300 J	28600	UG/KG	SW8270C
4-Methylphenol	62500	28600	UG/KG	SW8270C
Phenol	62800 J	143000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPP-T14DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	41100	144	MG/KG	SW6010B

SAMPLE ID: NPP-T15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	13.4	9.84	MG/KG	SW6010B
Antimony	325	0.984	MG/KG	SW6010B
Arsenic	2.12	0.984	MG/KG	SW6010B
Calcium	14.8	9.84	MG/KG	SW6010B
Chromium	2.23	0.492	MG/KG	SW6010B
Cobalt	1.07	0.492	MG/KG	SW6010B
Copper	1.95	0.492	MG/KG	SW6010B
Iron	348	4.92	MG/KG	SW6010B
Nickel	1.81	0.492	MG/KG	SW6010B
Potassium	3170	49.2	MG/KG	SW6010B
Selenium	1.77	0.984	MG/KG	SW6010B
Vanadium	0.224 B	0.492	MG/KG	SW6010B
Zinc	11.8	0.984	MG/KG	SW6010B
Mercury	0.00497 B	0.02	MG/KG	SW7470A
2-Butanone	2110 J	2550	UG/KG	SW8260B
Acetone	7970	2550	UG/KG	SW8260B
Naphthalene	568	510	UG/KG	SW8260B
4-Methylphenol	23700 J	32300	UG/KG	SW8270C
Phenol	31900 J	161000	UG/KG	SW8270C

SAMPLE ID: NPP-T15DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	37200	148	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPP-T16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	4.05	0.986	MG/KG	SW6010B
Calcium	4.07 B	9.86	MG/KG	SW6010B
Copper	1.91	0.493	MG/KG	SW6010B
Iron	6.38	4.93	MG/KG	SW6010B
Nickel	0.215 B	0.493	MG/KG	SW6010B
Potassium	322	49.3	MG/KG	SW6010B
Selenium	0.716 B	0.986	MG/KG	SW6010B
Sodium	5200	29.6	MG/KG	SW6010B
Zinc	0.855 B	0.986	MG/KG	SW6010B
2-Butanone	2520	2390	UG/KG	SW8260B
Acetone	10200	2390	UG/KG	SW8260B
Naphthalene	728	478	UG/KG	SW8260B
2,4-Dimethylphenol	8420 J	33100	UG/KG	SW8270C
2-Methylphenol (o-Creso	28500 J	33100	UG/KG	SW8270C
4-Chloro-3-methylphenol	10400 J	33100	UG/KG	SW8270C
4-Methylphenol	51600	33100	UG/KG	SW8270C
Phenol	547000	165000	UG/KG	SW8270C

SAMPLE ID: NPP-T16-DUP

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	4.39	0.965	MG/KG	SW6010B
Arsenic	0.634 B	0.965	MG/KG	SW6010B
Calcium	5.76 B	9.65	MG/KG	SW6010B
Copper	7.87	0.483	MG/KG	SW6010B
Iron	152	4.83	MG/KG	SW6010B
Lead	0.432 B	0.656	MG/KG	SW6010B
Manganese	0.643	0.483	MG/KG	SW6010B
Nickel	0.323 B	0.483	MG/KG	SW6010B
Potassium	312	48.3	MG/KG	SW6010B
Selenium	0.936 B	0.965	MG/KG	SW6010B
Sodium	5140	29	MG/KG	SW6010B
Zinc	1.7	0.965	MG/KG	SW6010B
Mercury	0.00259 B	0.0191	MG/KG	SW7470A
1,2,4-Trimethylbenzene	206 J	493	UG/KG	SW8260B
2-Butanone	2510	2460	UG/KG	SW8260B
Acetone	11100	2460	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

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Naphthalene	836	493	UG/KG	SW8260B
2,4-Dimethylphenol	8270 J	33600	UG/KG	SW8270C
2-Methylphenol (o-Creso	26200 J	33600	UG/KG	SW8270C
4-Chloro-3-methylphenol	9410 J	33600	UG/KG	SW8270C
4-Methylphenol	43800	33600	UG/KG	SW8270C
Phenol	538000	168000	UG/KG	SW8270C

SAMPLE ID: NPP-T17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	65.1	0.978	MG/KG	SW6010B
Arsenic	0.624 B	0.978	MG/KG	SW6010B
Cadmium	0.0789 B	0.489	MG/KG	SW6010B
Calcium	11.3	9.78	MG/KG	SW6010B
Chromium	0.157 B	0.489	MG/KG	SW6010B
Cobalt	0.365 B	0.489	MG/KG	SW6010B
Copper	11.1	0.489	MG/KG	SW6010B
Iron	86.3	4.89	MG/KG	SW6010B
Lead	0.558 B	0.665	MG/KG	SW6010B
Magnesium	3.07 B	9.78	MG/KG	SW6010B
Manganese	0.856	0.489	MG/KG	SW6010B
Nickel	1.32	0.489	MG/KG	SW6010B
Potassium	1380	48.9	MG/KG	SW6010B
Selenium	1.59	0.978	MG/KG	SW6010B
Sodium	15600	29.4	MG/KG	SW6010B
Zinc	41.2	0.978	MG/KG	SW6010B
Mercury	0.00376 B	0.0195	MG/KG	SW7470A
2-Butanone	4250	2460	UG/KG	SW8260B
4-Methyl-2-pentanone	953 J	985	UG/KG	SW8260B
Acetone	30000	2460	UG/KG	SW8260B
4-Chloro-3-methylphenol	18600 J	32000	UG/KG	SW8270C
4-Methylphenol	49400	32000	UG/KG	SW8270C
Phenol	24700 J	160000	UG/KG	SW8270C

SAMPLE ID: NPP-T20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	62.6	1	MG/KG	SW6010B
Arsenic	1.32	1	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Barium	0.57	0.5	MG/KG	SW6010B
Cadmium	0.0795 B	0.5	MG/KG	SW6010B
Calcium	35.1	10	MG/KG	SW6010B
Chromium	1.05	0.5	MG/KG	SW6010B
Cobalt	0.116 B	0.5	MG/KG	SW6010B
Iron	212	5	MG/KG	SW6010B
Magnesium	12.1	10	MG/KG	SW6010B
Manganese	0.675	0.5	MG/KG	SW6010B
Nickel	9.48	0.5	MG/KG	SW6010B
Potassium	5250	50	MG/KG	SW6010B
Selenium	2.58	1	MG/KG	SW6010B
Vanadium	1.34	0.5	MG/KG	SW6010B
Zinc	128	1	MG/KG	SW6010B
Acetone	4440	2480	UG/KG	SW8260B
2-Methylnaphthalene	11100 J	32000	UG/KG	SW8270C
4-Methylphenol	32400	32000	UG/KG	SW8270C
Phenol	350000	160000	UG/KG	SW8270C

SAMPLE ID: NPP-T20DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Copper	1680	2.5	MG/KG	SW6010B
Lead	32.9	3.4	MG/KG	SW6010B
Sodium	55300	150	MG/KG	SW6010B

SAMPLE ID: NPP-T25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	16.1	0.978	MG/KG	SW6010B
Arsenic	0.572 B	0.978	MG/KG	SW6010B
Cadmium	0.0561 B	0.489	MG/KG	SW6010B
Calcium	82.7	9.78	MG/KG	SW6010B
Copper	5.03	0.489	MG/KG	SW6010B
Iron	1380	4.89	MG/KG	SW6010B
Lead	1.04	0.665	MG/KG	SW6010B
Magnesium	22.2	9.78	MG/KG	SW6010B
Manganese	16.2	0.489	MG/KG	SW6010B
Nickel	4.71	0.489	MG/KG	SW6010B
Potassium	874	48.9	MG/KG	SW6010B

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Selenium	1.84	0.978	MG/KG	SW6010B
Sodium	2450	29.4	MG/KG	SW6010B
Zinc	119	0.978	MG/KG	SW6010B
1,2,4-Trimethylbenzene	228 J	478	UG/KG	SW8260B
2-Butanone	1260 J	2390	UG/KG	SW8260B
Acetone	5580	2390	UG/KG	SW8260B
Naphthalene	1280	478	UG/KG	SW8260B
2,4-Dimethylphenol	8320 J	29200	UG/KG	SW8270C
2-Methylphenol (o-Creso	47300	29200	UG/KG	SW8270C
4-Chloro-3-methylphenol	11500 J	29200	UG/KG	SW8270C
4-Methylphenol	48900	29200	UG/KG	SW8270C

SAMPLE ID: NPP-T25DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Phenol	938000	730000	UG/KG	SW8270C

SAMPLE ID: NPP-T26

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.393 B	0.982	MG/KG	SW6010B
Calcium	32.5	9.82	MG/KG	SW6010B
Copper	12.3	0.491	MG/KG	SW6010B
Iron	39.8	4.91	MG/KG	SW6010B
Lead	0.851	0.668	MG/KG	SW6010B
Potassium	11.8 B	49.1	MG/KG	SW6010B
Zinc	54.7	0.982	MG/KG	SW6010B
Mercury	0.00266 B	0.0189	MG/KG	SW7470A
1,2,4-Trimethylbenzene	2660	775	UG/KG	SW8260B
1,3,5-Trimethylbenzene	816	775	UG/KG	SW8260B
Acetone	1420 J	3880	UG/KG	SW8260B
Carbon disulfide	602 J	775	UG/KG	SW8260B
Naphthalene	10000	775	UG/KG	SW8260B
n-Propylbenzene	143 J	775	UG/KG	SW8260B
o-Xylene	604 J	775	UG/KG	SW8260B
p,m-Xylene	1070 J	1550	UG/KG	SW8260B
1-Methylnaphthalene	39100	38100	UG/KG	SW8270C
2-Methylnaphthalene	68800	38100	UG/KG	SW8270C
bis(2-ethylhexyl)phthalat	432000	38100	UG/KG	SW8270C

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Naphthalene	12100 J	38100	UG/KG	SW8270C
N-Nitrosodiphenylamine	39800	38100	UG/KG	SW8270C
Phenol	23600 J	190000	UG/KG	SW8270C

SAMPLE ID: NPP-T27

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	47.3	9.92	MG/KG	SW6010B
Arsenic	54.5	0.992	MG/KG	SW6010B
Barium	6.06	0.496	MG/KG	SW6010B
Cadmium	0.185 B	0.496	MG/KG	SW6010B
Calcium	495	9.92	MG/KG	SW6010B
Chromium	5.38	0.496	MG/KG	SW6010B
Cobalt	6.1	0.496	MG/KG	SW6010B
Copper	8.6	0.496	MG/KG	SW6010B
Iron	2520	4.96	MG/KG	SW6010B
Lead	4.59	0.675	MG/KG	SW6010B
Magnesium	32.6	9.92	MG/KG	SW6010B
Manganese	53.8	0.496	MG/KG	SW6010B
Nickel	12.2	0.496	MG/KG	SW6010B
Potassium	1460	49.6	MG/KG	SW6010B
Selenium	3.06	0.992	MG/KG	SW6010B
Vanadium	0.174 B	0.496	MG/KG	SW6010B
Zinc	44.1	0.992	MG/KG	SW6010B
Mercury	0.0349	0.0187	MG/KG	SW7470A
1,2-Dichlorobenzene	149 J	262	UG/KG	SW8260B
2-Butanone	3230	1310	UG/KG	SW8260B
Acetone	1810	1310	UG/KG	SW8260B
Benzene	78 J	262	UG/KG	SW8260B
Isopropylbenzene (Cum	2120	262	UG/KG	SW8260B
Naphthalene	592	262	UG/KG	SW8260B
p,m-Xylene	179 J	524	UG/KG	SW8260B
Toluene	585	262	UG/KG	SW8260B
Phenol	59400 J	171000	UG/KG	SW8270C

SAMPLE ID: NPP-T27DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	2380	4.96	MG/KG	SW6010B

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Sodium	26900	149	MG/KG	SW6010B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 071907LCS12 was analyzed with the soil samples on 07/19/07. The following analyte was recovered above criteria: Dichlorodifluoromethane at 138 % with criteria of (45-128).

LCS 071907LCS12D was analyzed with the soil samples on 07/19/07. The following analyte was recovered above criteria: Dichlorodifluoromethane at 133 % with criteria of (45-128).

No further action was required. Samples coded accordingly.

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

A client requested MS/SD set was analyzed. All percent recovery and relative percent difference (RPD) criteria were met with the exception of:

MS - NPP-T16-MS was analyzed with the soil samples on 07/18/07. The following analyte was recovered below criteria: Bromomethane at 45.8 % with criteria of (48-104).

SD - NPP-T16-SD was analyzed with the soil samples on 07/18/07. The following analyte was recovered below criteria: Bromomethane at 43.9 % with criteria of (48-104).

No further action was required. Samples coded accordingly.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All samples were analyzed as high-level methanol extractions.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 07/19/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Method: 8260

EPA Sample No	Lab Sample ID
NPP-T03	250718201
NPP-T06	250718202
NPP-T08	250718203
NPP-T10	250718204
NPP-T11	250718205
NPP-T13	250718206
NPP-T14	250718207
NPP-T15	250718208
NPP-T16	250718209
NPP-T16-DUP	250718210
NPP-T17	250718213
NPP-T20	250718214
NPP-T26	250718215
NPP-T27	250718216
NPP-CARBON1	250718217
NPP-T25	250718218

230707 1754

Sample Data

230707 1754

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718201 Lab File ID: 18201.D

Sample wt/vol: 2.07 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1522

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	483	U
74-87-3	Chloromethane	483	U
75-01-4	Vinyl chloride	483	U
74-83-9	Bromomethane	483	U
75-00-3	Chloroethane	1210	U
75-69-4	Trichlorofluoromethane	483	U
75-35-4	1,1-Dichloroethene	483	U
107-02-8	Acrolein	6040	U
74-88-4	Methyl iodide	483	U
75-15-0	Carbon disulfide	483	U
75-09-2	Methylene chloride	1210	U
156-60-5	trans-1,2-Dichloroethene	483	U
107-13-1	Acrylonitrile	1210	U
75-34-3	1,1-Dichloroethane	483	U
67-64-1	Acetone	5880	
594-20-7	2,2-Dichloropropane	483	U
156-59-2	cis-1,2-Dichloroethene	483	U
74-97-5	Bromochloromethane	483	U
78-93-3	2-Butanone	4080	
67-66-3	Chloroform	483	U
71-55-6	1,1,1-Trichloroethane	483	U
56-23-5	Carbon tetrachloride	483	U
563-58-6	1,1-Dichloropropene	483	U
71-43-2	Benzene	483	U
107-06-2	1,2-Dichloroethane	483	U
79-01-6	Trichloroethene	483	U
108-05-4	Vinyl acetate	966	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718201 Lab File ID: 18201.D

Sample wt/vol: 2.07 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1522

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	483	U
74-95-3	Dibromomethane	483	U
75-27-4	Bromodichloromethane	483	U
10061-01-5	cis-1,3-Dichloropropene	483	U
108-10-1	4-Methyl-2-pentanone	966	U
108-88-3	Toluene	483	U
10061-02-6	trans-1,3-Dichloropropene	483	U
79-00-5	1,1,2-Trichloroethane	483	U
127-18-4	Tetrachloroethene	1210	U
142-28-9	1,3-Dichloropropane	483	U
591-78-6	2-Hexanone	966	U
124-48-1	Dibromochloromethane	483	U
106-93-4	1,2-Dibromoethane(EDB)	483	U
108-90-7	Chlorobenzene	483	U
630-20-6	1,1,1,2-Tetrachloroethane	483	U
100-41-4	Ethylbenzene	483	U
511-39-00	p,m-Xylene	966	U
95-47-6	o-Xylene	483	U
100-42-5	Styrene	483	U
75-25-2	Bromoform	1210	U
98-82-8	Isopropylbenzene (Cumene)	163	J
108-86-1	Bromobenzene	483	U
79-34-5	1,1,2,2-Tetrachloroethane	483	U
96-18-4	1,2,3-Trichloropropane	483	U
103-65-1	n-Propylbenzene	483	U
95-49-8	2-Chlorotoluene	483	U
106-43-4	4-Chlorotoluene	483	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718201 Lab File ID: 18201.D

Sample wt/vol: 2.07 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1522

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	483	U
98-06-6	tert-Butylbenzene	483	U
95-63-6	1,2,4-Trimethylbenzene	483	U
135-98-8	sec-Butylbenzene	483	U
541-73-1	1,3-Dichlorobenzene	483	U
106-46-7	1,4-Dichlorobenzene	483	U
99-87-6	4-Isopropyltoluene	483	U
104-51-8	n-Butylbenzene	483	U
95-50-1	1,2-Dichlorobenzene	316	J
96-12-8	1,2-Dibromo-3-chloropropane	2420	U
120-82-1	1,2,4-Trichlorobenzene	483	U
87-68-3	Hexachlorobutadiene	725	U
91-20-3	Naphthalene	3530	
87-61-6	1,2,3-Trichlorobenzene	483	U
1634-04-4	MTBE	483	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718202 Lab File ID: 18202.D

Sample wt/vol: 1.53 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1548

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	654	U
74-87-3	Chloromethane	654	U
75-01-4	Vinyl chloride	654	U
74-83-9	Bromomethane	654	U
75-00-3	Chloroethane	1630	U
75-69-4	Trichlorofluoromethane	654	U
75-35-4	1,1-Dichloroethene	654	U
107-02-8	Acrolein	8170	U
74-88-4	Methyl iodide	654	U
75-15-0	Carbon disulfide	654	U
75-09-2	Methylene chloride	1630	U
156-60-5	trans-1,2-Dichloroethene	654	U
107-13-1	Acrylonitrile	1630	U
75-34-3	1,1-Dichloroethane	654	U
67-64-1	Acetone	3970	
594-20-7	2,2-Dichloropropane	654	U
156-59-2	cis-1,2-Dichloroethene	654	U
74-97-5	Bromochloromethane	654	U
78-93-3	2-Butanone	3140	J
67-66-3	Chloroform	654	U
71-55-6	1,1,1-Trichloroethane	654	U
56-23-5	Carbon tetrachloride	654	U
563-58-6	1,1-Dichloropropene	654	U
71-43-2	Benzene	654	U
107-06-2	1,2-Dichloroethane	654	U
79-01-6	Trichloroethene	654	U
108-05-4	Vinyl acetate	1310	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718202 Lab File ID: 18202.D

Sample wt/vol: 1.53 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1548

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	654	U
74-95-3	Dibromomethane	654	U
75-27-4	Bromodichloromethane	654	U
10061-01-5	cis-1,3-Dichloropropene	654	U
108-10-1	4-Methyl-2-pentanone	1460	
108-88-3	Toluene	2190	
10061-02-6	trans-1,3-Dichloropropene	654	U
79-00-5	1,1,2-Trichloroethane	654	U
127-18-4	Tetrachloroethene	1630	U
142-28-9	1,3-Dichloropropane	654	U
591-78-6	2-Hexanone	1140	J
124-48-1	Dibromochloromethane	654	U
106-93-4	1,2-Dibromoethane(EDB)	654	U
108-90-7	Chlorobenzene	654	U
630-20-6	1,1,1,2-Tetrachloroethane	654	U
100-41-4	Ethylbenzene	925	
511-39-00	p,m-Xylene	3940	
95-47-6	o-Xylene	1670	
100-42-5	Styrene	654	U
75-25-2	Bromoform	1630	U
98-82-8	Isopropylbenzene (Cumene)	654	U
108-86-1	Bromobenzene	654	U
79-34-5	1,1,2,2-Tetrachloroethane	654	U
96-18-4	1,2,3-Trichloropropane	654	U
103-65-1	n-Propylbenzene	158	J
95-49-8	2-Chlorotoluene	654	U
106-43-4	4-Chlorotoluene	654	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718202 Lab File ID: 18202.D

Sample wt/vol: 1.53 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1548

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	649	J
98-06-6	tert-Butylbenzene	654	U
95-63-6	1,2,4-Trimethylbenzene	2040	
135-98-8	sec-Butylbenzene	654	U
541-73-1	1,3-Dichlorobenzene	654	U
106-46-7	1,4-Dichlorobenzene	654	U
99-87-6	4-Isopropyltoluene	131	J
104-51-8	n-Butylbenzene	654	U
95-50-1	1,2-Dichlorobenzene	654	U
96-12-8	1,2-Dibromo-3-chloropropane	3270	U
120-82-1	1,2,4-Trichlorobenzene	654	U
87-68-3	Hexachlorobutadiene	980	U
91-20-3	Naphthalene	16400	
87-61-6	1,2,3-Trichlorobenzene	654	U
1634-04-4	MTBE	654	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718203 Lab File ID: 18203.D

Sample wt/vol: 2.07 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1613

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	483	U
74-87-3	Chloromethane	483	U
75-01-4	Vinyl chloride	483	U
74-83-9	Bromomethane	483	U
75-00-3	Chloroethane	1210	U
75-69-4	Trichlorofluoromethane	483	U
75-35-4	1,1-Dichloroethene	483	U
107-02-8	Acrolein	6040	U
74-88-4	Methyl iodide	483	U
75-15-0	Carbon disulfide	483	U
75-09-2	Methylene chloride	1210	U
156-60-5	trans-1,2-Dichloroethene	483	U
107-13-1	Acrylonitrile	1210	U
75-34-3	1,1-Dichloroethane	483	U
67-64-1	Acetone	2420	U
594-20-7	2,2-Dichloropropane	483	U
156-59-2	cis-1,2-Dichloroethene	483	U
74-97-5	Bromochloromethane	483	U
78-93-3	2-Butanone	2420	U
67-66-3	Chloroform	483	U
71-55-6	1,1,1-Trichloroethane	483	U
56-23-5	Carbon tetrachloride	483	U
563-58-6	1,1-Dichloropropene	483	U
71-43-2	Benzene	483	U
107-06-2	1,2-Dichloroethane	483	U
79-01-6	Trichloroethene	483	U
108-05-4	Vinyl acetate	966	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718203 Lab File ID: 18203.D

Sample wt/vol: 2.07 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1613

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	483	U
74-95-3	Dibromomethane	483	U
75-27-4	Bromodichloromethane	483	U
10061-01-5	cis-1,3-Dichloropropene	483	U
108-10-1	4-Methyl-2-pentanone	966	U
108-88-3	Toluene	483	U
10061-02-6	trans-1,3-Dichloropropene	483	U
79-00-5	1,1,2-Trichloroethane	483	U
127-18-4	Tetrachloroethene	1210	U
142-28-9	1,3-Dichloropropane	483	U
591-78-6	2-Hexanone	966	U
124-48-1	Dibromochloromethane	483	U
106-93-4	1,2-Dibromoethane(EDB)	483	U
108-90-7	Chlorobenzene	483	U
630-20-6	1,1,1,2-Tetrachloroethane	483	U
100-41-4	Ethylbenzene	483	U
511-39-00	p,m-Xylene	966	U
95-47-6	o-Xylene	483	U
100-42-5	Styrene	483	U
75-25-2	Bromoform	1210	U
98-82-8	Isopropylbenzene (Cumene)	483	U
108-86-1	Bromobenzene	483	U
79-34-5	1,1,2,2-Tetrachloroethane	483	U
96-18-4	1,2,3-Trichloropropane	483	U
103-65-1	n-Propylbenzene	483	U
95-49-8	2-Chlorotoluene	483	U
106-43-4	4-Chlorotoluene	483	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718203 Lab File ID: 18203.D

Sample wt/vol: 2.07 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1613

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	483	U
98-06-6	tert-Butylbenzene	483	U
95-63-6	1,2,4-Trimethylbenzene	483	U
135-98-8	sec-Butylbenzene	483	U
541-73-1	1,3-Dichlorobenzene	483	U
106-46-7	1,4-Dichlorobenzene	483	U
99-87-6	4-Isopropyltoluene	483	U
104-51-8	n-Butylbenzene	483	U
95-50-1	1,2-Dichlorobenzene	483	U
96-12-8	1,2-Dibromo-3-chloropropane	2420	U
120-82-1	1,2,4-Trichlorobenzene	483	U
87-68-3	Hexachlorobutadiene	725	U
91-20-3	Naphthalene	670	
87-61-6	1,2,3-Trichlorobenzene	483	U
1634-04-4	MTBE	483	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718204 Lab File ID: 18204.D

Sample wt/vol: 2.08 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1638

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	481	U
74-87-3	Chloromethane	481	U
75-01-4	Vinyl chloride	481	U
74-83-9	Bromomethane	481	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	481	U
75-35-4	1,1-Dichloroethene	481	U
107-02-8	Acrolein	6010	U
74-88-4	Methyl iodide	481	U
75-15-0	Carbon disulfide	481	U
75-09-2	Methylene chloride	1200	U
156-60-5	trans-1,2-Dichloroethene	481	U
107-13-1	Acrylonitrile	1200	U
75-34-3	1,1-Dichloroethane	481	U
67-64-1	Acetone	1240	J
594-20-7	2,2-Dichloropropane	481	U
156-59-2	cis-1,2-Dichloroethene	481	U
74-97-5	Bromochloromethane	481	U
78-93-3	2-Butanone	2400	U
67-66-3	Chloroform	481	U
71-55-6	1,1,1-Trichloroethane	481	U
56-23-5	Carbon tetrachloride	481	U
563-58-6	1,1-Dichloropropene	481	U
71-43-2	Benzene	481	U
107-06-2	1,2-Dichloroethane	481	U
79-01-6	Trichloroethene	481	U
108-05-4	Vinyl acetate	962	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718204 Lab File ID: 18204.D

Sample wt/vol: 2.08 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1638

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	481	U
74-95-3	Dibromomethane	481	U
75-27-4	Bromodichloromethane	481	U
10061-01-5	cis-1,3-Dichloropropene	481	U
108-10-1	4-Methyl-2-pentanone	962	U
108-88-3	Toluene	481	U
10061-02-6	trans-1,3-Dichloropropene	481	U
79-00-5	1,1,2-Trichloroethane	481	U
127-18-4	Tetrachloroethene	1200	U
142-28-9	1,3-Dichloropropane	481	U
591-78-6	2-Hexanone	962	U
124-48-1	Dibromochloromethane	481	U
106-93-4	1,2-Dibromoethane(EDB)	481	U
108-90-7	Chlorobenzene	481	U
630-20-6	1,1,1,2-Tetrachloroethane	481	U
100-41-4	Ethylbenzene	481	U
511-39-00	p,m-Xylene	962	U
95-47-6	o-Xylene	481	U
100-42-5	Styrene	481	U
75-25-2	Bromoform	1200	U
98-82-8	Isopropylbenzene (Cumene)	481	U
108-86-1	Bromobenzene	481	U
79-34-5	1,1,2,2-Tetrachloroethane	481	U
96-18-4	1,2,3-Trichloropropane	481	U
103-65-1	n-Propylbenzene	481	U
95-49-8	2-Chlorotoluene	481	U
106-43-4	4-Chlorotoluene	481	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718204 Lab File ID: 18204.D

Sample wt/vol: 2.08 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1638

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	481	U
98-06-6	tert-Butylbenzene	481	U
95-63-6	1,2,4-Trimethylbenzene	481	U
135-98-8	sec-Butylbenzene	481	U
541-73-1	1,3-Dichlorobenzene	481	U
106-46-7	1,4-Dichlorobenzene	481	U
99-87-6	4-Isopropyltoluene	481	U
104-51-8	n-Butylbenzene	481	U
95-50-1	1,2-Dichlorobenzene	481	U
96-12-8	1,2-Dibromo-3-chloropropane	2400	U
120-82-1	1,2,4-Trichlorobenzene	481	U
87-68-3	Hexachlorobutadiene	721	U
91-20-3	Naphthalene	361	J
87-61-6	1,2,3-Trichlorobenzene	481	U
1634-04-4	MTBE	481	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718205 Lab File ID: 18205.D

Sample wt/vol: 2.03 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1704

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	493	U
74-87-3	Chloromethane	493	U
75-01-4	Vinyl chloride	493	U
74-83-9	Bromomethane	493	U
75-00-3	Chloroethane	1230	U
75-69-4	Trichlorofluoromethane	493	U
75-35-4	1,1-Dichloroethene	493	U
107-02-8	Acrolein	6160	U
74-88-4	Methyl iodide	493	U
75-15-0	Carbon disulfide	493	U
75-09-2	Methylene chloride	1230	U
156-60-5	trans-1,2-Dichloroethene	493	U
107-13-1	Acrylonitrile	1230	U
75-34-3	1,1-Dichloroethane	493	U
67-64-1	Acetone	834	J
594-20-7	2,2-Dichloropropane	493	U
156-59-2	cis-1,2-Dichloroethene	493	U
74-97-5	Bromochloromethane	493	U
78-93-3	2-Butanone	2260	J
67-66-3	Chloroform	493	U
71-55-6	1,1,1-Trichloroethane	493	U
56-23-5	Carbon tetrachloride	493	U
563-58-6	1,1-Dichloropropene	493	U
71-43-2	Benzene	493	U
107-06-2	1,2-Dichloroethane	493	U
79-01-6	Trichloroethene	493	U
108-05-4	Vinyl acetate	985	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718205 Lab File ID: 18205.D

Sample wt/vol: 2.03 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1704

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	493	U
74-95-3	Dibromomethane	493	U
75-27-4	Bromodichloromethane	493	U
10061-01-5	cis-1,3-Dichloropropene	493	U
108-10-1	4-Methyl-2-pentanone	985	U
108-88-3	Toluene	493	U
10061-02-6	trans-1,3-Dichloropropene	493	U
79-00-5	1,1,2-Trichloroethane	493	U
127-18-4	Tetrachloroethene	1230	U
142-28-9	1,3-Dichloropropane	493	U
591-78-6	2-Hexanone	985	U
124-48-1	Dibromochloromethane	493	U
106-93-4	1,2-Dibromoethane(EDB)	493	U
108-90-7	Chlorobenzene	493	U
630-20-6	1,1,1,2-Tetrachloroethane	493	U
100-41-4	Ethylbenzene	493	U
511-39-00	p,m-Xylene	451	J
95-47-6	o-Xylene	493	U
100-42-5	Styrene	493	U
75-25-2	Bromoform	1230	U
98-82-8	Isopropylbenzene (Cumene)	493	U
108-86-1	Bromobenzene	493	U
79-34-5	1,1,2,2-Tetrachloroethane	493	U
96-18-4	1,2,3-Trichloropropane	493	U
103-65-1	n-Propylbenzene	493	U
95-49-8	2-Chlorotoluene	493	U
106-43-4	4-Chlorotoluene	493	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718205 Lab File ID: 18205.D

Sample wt/vol: 2.03 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1704

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	493	U
98-06-6	tert-Butylbenzene	493	U
95-63-6	1,2,4-Trimethylbenzene	493	U
135-98-8	sec-Butylbenzene	493	U
541-73-1	1,3-Dichlorobenzene	493	U
106-46-7	1,4-Dichlorobenzene	493	U
99-87-6	4-Isopropyltoluene	493	U
104-51-8	n-Butylbenzene	493	U
95-50-1	1,2-Dichlorobenzene	493	U
96-12-8	1,2-Dibromo-3-chloropropane	2460	U
120-82-1	1,2,4-Trichlorobenzene	493	U
87-68-3	Hexachlorobutadiene	739	U
91-20-3	Naphthalene	493	U
87-61-6	1,2,3-Trichlorobenzene	493	U
1634-04-4	MTBE	493	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206 Lab File ID: 18206.D

Sample wt/vol: 2.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1729

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	454	U
74-87-3	Chloromethane	454	U
75-01-4	Vinyl chloride	454	U
74-83-9	Bromomethane	454	U
75-00-3	Chloroethane	1140	U
75-69-4	Trichlorofluoromethane	454	U
75-35-4	1,1-Dichloroethene	454	U
107-02-8	Acrolein	5680	U
74-88-4	Methyl iodide	454	U
75-15-0	Carbon disulfide	454	U
75-09-2	Methylene chloride	1140	U
156-60-5	trans-1,2-Dichloroethene	454	U
107-13-1	Acrylonitrile	1140	U
75-34-3	1,1-Dichloroethane	454	U
67-64-1	Acetone	1480	J
594-20-7	2,2-Dichloropropane	454	U
156-59-2	cis-1,2-Dichloroethene	454	U
74-97-5	Bromochloromethane	454	U
78-93-3	2-Butanone	2270	U
67-66-3	Chloroform	454	U
71-55-6	1,1,1-Trichloroethane	454	U
56-23-5	Carbon tetrachloride	454	U
563-58-6	1,1-Dichloropropene	454	U
71-43-2	Benzene	454	U
107-06-2	1,2-Dichloroethane	454	U
79-01-6	Trichloroethene	454	U
108-05-4	Vinyl acetate	909	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206 Lab File ID: 18206.D

Sample wt/vol: 2.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1729

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	454	U
74-95-3	Dibromomethane	454	U
75-27-4	Bromodichloromethane	454	U
10061-01-5	cis-1,3-Dichloropropene	454	U
108-10-1	4-Methyl-2-pentanone	909	U
108-88-3	Toluene	454	U
10061-02-6	trans-1,3-Dichloropropene	454	U
79-00-5	1,1,2-Trichloroethane	454	U
127-18-4	Tetrachloroethene	1140	U
142-28-9	1,3-Dichloropropane	454	U
591-78-6	2-Hexanone	909	U
124-48-1	Dibromochloromethane	454	U
106-93-4	1,2-Dibromoethane(EDB)	454	U
108-90-7	Chlorobenzene	454	U
630-20-6	1,1,1,2-Tetrachloroethane	454	U
100-41-4	Ethylbenzene	454	U
511-39-00	p,m-Xylene	909	U
95-47-6	o-Xylene	454	U
100-42-5	Styrene	454	U
75-25-2	Bromoform	1140	U
98-82-8	Isopropylbenzene (Cumene)	454	U
108-86-1	Bromobenzene	454	U
79-34-5	1,1,2,2-Tetrachloroethane	454	U
96-18-4	1,2,3-Trichloropropane	454	U
103-65-1	n-Propylbenzene	454	U
95-49-8	2-Chlorotoluene	454	U
106-43-4	4-Chlorotoluene	454	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206 Lab File ID: 18206.D

Sample wt/vol: 2.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1729

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	454	U
98-06-6	tert-Butylbenzene	454	U
95-63-6	1,2,4-Trimethylbenzene	454	U
135-98-8	sec-Butylbenzene	454	U
541-73-1	1,3-Dichlorobenzene	454	U
106-46-7	1,4-Dichlorobenzene	454	U
99-87-6	4-Isopropyltoluene	454	U
104-51-8	n-Butylbenzene	454	U
95-50-1	1,2-Dichlorobenzene	454	U
96-12-8	1,2-Dibromo-3-chloropropane	2270	U
120-82-1	1,2,4-Trichlorobenzene	454	U
87-68-3	Hexachlorobutadiene	682	U
91-20-3	Naphthalene	454	U
87-61-6	1,2,3-Trichlorobenzene	454	U
1634-04-4	MTBE	454	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718207 Lab File ID: 18207.D

Sample wt/vol: 2.16 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1229

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	463	U
74-87-3	Chloromethane	463	U
75-01-4	Vinyl chloride	463	U
74-83-9	Bromomethane	463	U
75-00-3	Chloroethane	1160	U
75-69-4	Trichlorofluoromethane	463	U
75-35-4	1,1-Dichloroethene	463	U
107-02-8	Acrolein	5790	U
74-88-4	Methyl iodide	463	U
75-15-0	Carbon disulfide	463	U
75-09-2	Methylene chloride	1160	U
156-60-5	trans-1,2-Dichloroethene	463	U
107-13-1	Acrylonitrile	1160	U
75-34-3	1,1-Dichloroethane	463	U
67-64-1	Acetone	3190	
594-20-7	2,2-Dichloropropane	463	U
156-59-2	cis-1,2-Dichloroethene	463	U
74-97-5	Bromochloromethane	463	U
78-93-3	2-Butanone	1240	J
67-66-3	Chloroform	463	U
71-55-6	1,1,1-Trichloroethane	463	U
56-23-5	Carbon tetrachloride	463	U
563-58-6	1,1-Dichloropropene	463	U
71-43-2	Benzene	463	U
107-06-2	1,2-Dichloroethane	463	U
79-01-6	Trichloroethene	463	U
108-05-4	Vinyl acetate	926	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718207 Lab File ID: 18207.D

Sample wt/vol: 2.16 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1229

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	463	U
74-95-3	Dibromomethane	463	U
75-27-4	Bromodichloromethane	463	U
10061-01-5	cis-1,3-Dichloropropene	463	U
108-10-1	4-Methyl-2-pentanone	926	U
108-88-3	Toluene	248	J
10061-02-6	trans-1,3-Dichloropropene	463	U
79-00-5	1,1,2-Trichloroethane	463	U
127-18-4	Tetrachloroethene	1160	U
142-28-9	1,3-Dichloropropane	463	U
591-78-6	2-Hexanone	926	U
124-48-1	Dibromochloromethane	463	U
106-93-4	1,2-Dibromoethane(EDB)	463	U
108-90-7	Chlorobenzene	463	U
630-20-6	1,1,1,2-Tetrachloroethane	463	U
100-41-4	Ethylbenzene	463	U
511-39-00	p,m-Xylene	456	J
95-47-6	o-Xylene	373	J
100-42-5	Styrene	463	U
75-25-2	Bromoform	1160	U
98-82-8	Isopropylbenzene (Cumene)	424	J
108-86-1	Bromobenzene	463	U
79-34-5	1,1,2,2-Tetrachloroethane	463	U
96-18-4	1,2,3-Trichloropropane	463	U
103-65-1	n-Propylbenzene	73.8	J
95-49-8	2-Chlorotoluene	463	U
106-43-4	4-Chlorotoluene	463	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718207 Lab File ID: 18207.D

Sample wt/vol: 2.16 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1229

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	463	U
98-06-6	tert-Butylbenzene	463	U
95-63-6	1,2,4-Trimethylbenzene	663	
135-98-8	sec-Butylbenzene	463	U
541-73-1	1,3-Dichlorobenzene	463	U
106-46-7	1,4-Dichlorobenzene	463	U
99-87-6	4-Isopropyltoluene	463	U
104-51-8	n-Butylbenzene	104	J
95-50-1	1,2-Dichlorobenzene	463	U
96-12-8	1,2-Dibromo-3-chloropropane	2310	U
120-82-1	1,2,4-Trichlorobenzene	463	U
87-68-3	Hexachlorobutadiene	694	U
91-20-3	Naphthalene	3380	
87-61-6	1,2,3-Trichlorobenzene	463	U
1634-04-4	MTBE	463	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718208 Lab File ID: 18208.D

Sample wt/vol: 1.96 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1254

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	510	U
74-87-3	Chloromethane	510	U
75-01-4	Vinyl chloride	510	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	1280	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	510	U
107-02-8	Acrolein	6380	U
74-88-4	Methyl iodide	510	U
75-15-0	Carbon disulfide	510	U
75-09-2	Methylene chloride	1280	U
156-60-5	trans-1,2-Dichloroethene	510	U
107-13-1	Acrylonitrile	1280	U
75-34-3	1,1-Dichloroethane	510	U
67-64-1	Acetone	7970	
594-20-7	2,2-Dichloropropane	510	U
156-59-2	cis-1,2-Dichloroethene	510	U
74-97-5	Bromochloromethane	510	U
78-93-3	2-Butanone	2110	J
67-66-3	Chloroform	510	U
71-55-6	1,1,1-Trichloroethane	510	U
56-23-5	Carbon tetrachloride	510	U
563-58-6	1,1-Dichloropropene	510	U
71-43-2	Benzene	510	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	510	U
108-05-4	Vinyl acetate	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718208 Lab File ID: 18208.D

Sample wt/vol: 1.96 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1254

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	510	U
74-95-3	Dibromomethane	510	U
75-27-4	Bromodichloromethane	510	U
10061-01-5	cis-1,3-Dichloropropene	510	U
108-10-1	4-Methyl-2-pentanone	1020	U
108-88-3	Toluene	510	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	1280	U
142-28-9	1,3-Dichloropropane	510	U
591-78-6	2-Hexanone	1020	U
124-48-1	Dibromochloromethane	510	U
106-93-4	1,2-Dibromoethane(EDB)	510	U
108-90-7	Chlorobenzene	510	U
630-20-6	1,1,1,2-Tetrachloroethane	510	U
100-41-4	Ethylbenzene	510	U
511-39-00	p,m-Xylene	1020	U
95-47-6	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	1280	U
98-82-8	Isopropylbenzene (Cumene)	510	U
108-86-1	Bromobenzene	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U
96-18-4	1,2,3-Trichloropropane	510	U
103-65-1	n-Propylbenzene	510	U
95-49-8	2-Chlorotoluene	510	U
106-43-4	4-Chlorotoluene	510	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718208 Lab File ID: 18208.D

Sample wt/vol: 1.96 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1254

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	510	U
98-06-6	tert-Butylbenzene	510	U
95-63-6	1,2,4-Trimethylbenzene	510	U
135-98-8	sec-Butylbenzene	510	U
541-73-1	1,3-Dichlorobenzene	510	U
106-46-7	1,4-Dichlorobenzene	510	U
99-87-6	4-Isopropyltoluene	510	U
104-51-8	n-Butylbenzene	510	U
95-50-1	1,2-Dichlorobenzene	510	U
96-12-8	1,2-Dibromo-3-chloropropane	2550	U
120-82-1	1,2,4-Trichlorobenzene	510	U
87-68-3	Hexachlorobutadiene	765	U
91-20-3	Naphthalene	568	
87-61-6	1,2,3-Trichlorobenzene	510	U
1634-04-4	MTBE	510	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718209 Lab File ID: 18209.D

Sample wt/vol: 2.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1049

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	478	U
74-87-3	Chloromethane	478	U
75-01-4	Vinyl chloride	478	U
74-83-9	Bromomethane	478	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	478	U
75-35-4	1,1-Dichloroethene	478	U
107-02-8	Acrolein	5980	U
74-88-4	Methyl iodide	478	U
75-15-0	Carbon disulfide	478	U
75-09-2	Methylene chloride	1200	U
156-60-5	trans-1,2-Dichloroethene	478	U
107-13-1	Acrylonitrile	1200	U
75-34-3	1,1-Dichloroethane	478	U
67-64-1	Acetone	10200	
594-20-7	2,2-Dichloropropane	478	U
156-59-2	cis-1,2-Dichloroethene	478	U
74-97-5	Bromochloromethane	478	U
78-93-3	2-Butanone	2520	
67-66-3	Chloroform	478	U
71-55-6	1,1,1-Trichloroethane	478	U
56-23-5	Carbon tetrachloride	478	U
563-58-6	1,1-Dichloropropene	478	U
71-43-2	Benzene	478	U
107-06-2	1,2-Dichloroethane	478	U
79-01-6	Trichloroethene	478	U
108-05-4	Vinyl acetate	957	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718209 Lab File ID: 18209.D

Sample wt/vol: 2.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1049

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	478	U
74-95-3	Dibromomethane	478	U
75-27-4	Bromodichloromethane	478	U
10061-01-5	cis-1,3-Dichloropropene	478	U
108-10-1	4-Methyl-2-pentanone	957	U
108-88-3	Toluene	478	U
10061-02-6	trans-1,3-Dichloropropene	478	U
79-00-5	1,1,2-Trichloroethane	478	U
127-18-4	Tetrachloroethene	1200	U
142-28-9	1,3-Dichloropropane	478	U
591-78-6	2-Hexanone	957	U
124-48-1	Dibromochloromethane	478	U
106-93-4	1,2-Dibromoethane(EDB)	478	U
108-90-7	Chlorobenzene	478	U
630-20-6	1,1,1,2-Tetrachloroethane	478	U
100-41-4	Ethylbenzene	478	U
511-39-00	p,m-Xylene	957	U
95-47-6	o-Xylene	478	U
100-42-5	Styrene	478	U
75-25-2	Bromoform	1200	U
98-82-8	Isopropylbenzene (Cumene)	478	U
108-86-1	Bromobenzene	478	U
79-34-5	1,1,2,2-Tetrachloroethane	478	U
96-18-4	1,2,3-Trichloropropane	478	U
103-65-1	n-Propylbenzene	478	U
95-49-8	2-Chlorotoluene	478	U
106-43-4	4-Chlorotoluene	478	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718209 Lab File ID: 18209.D

Sample wt/vol: 2.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1049

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	478	U
98-06-6	tert-Butylbenzene	478	U
95-63-6	1,2,4-Trimethylbenzene	478	U
135-98-8	sec-Butylbenzene	478	U
541-73-1	1,3-Dichlorobenzene	478	U
106-46-7	1,4-Dichlorobenzene	478	U
99-87-6	4-Isopropyltoluene	478	U
104-51-8	n-Butylbenzene	478	U
95-50-1	1,2-Dichlorobenzene	478	U
96-12-8	1,2-Dibromo-3-chloropropane	2390	U
120-82-1	1,2,4-Trichlorobenzene	478	U
87-68-3	Hexachlorobutadiene	718	U
91-20-3	Naphthalene	728	
87-61-6	1,2,3-Trichlorobenzene	478	U
1634-04-4	MTBE	478	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T16-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718210 Lab File ID: 18210.D

Sample wt/vol: 2.03 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1114

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	493	U
74-87-3	Chloromethane	493	U
75-01-4	Vinyl chloride	493	U
74-83-9	Bromomethane	493	U
75-00-3	Chloroethane	1230	U
75-69-4	Trichlorofluoromethane	493	U
75-35-4	1,1-Dichloroethene	493	U
107-02-8	Acrolein	6160	U
74-88-4	Methyl iodide	493	U
75-15-0	Carbon disulfide	493	U
75-09-2	Methylene chloride	1230	U
156-60-5	trans-1,2-Dichloroethene	493	U
107-13-1	Acrylonitrile	1230	U
75-34-3	1,1-Dichloroethane	493	U
67-64-1	Acetone	11100	
594-20-7	2,2-Dichloropropane	493	U
156-59-2	cis-1,2-Dichloroethene	493	U
74-97-5	Bromochloromethane	493	U
78-93-3	2-Butanone	2510	
67-66-3	Chloroform	493	U
71-55-6	1,1,1-Trichloroethane	493	U
56-23-5	Carbon tetrachloride	493	U
563-58-6	1,1-Dichloropropene	493	U
71-43-2	Benzene	493	U
107-06-2	1,2-Dichloroethane	493	U
79-01-6	Trichloroethene	493	U
108-05-4	Vinyl acetate	985	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T16-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718210 Lab File ID: 18210.D

Sample wt/vol: 2.03 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1114

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	493	U
74-95-3	Dibromomethane	493	U
75-27-4	Bromodichloromethane	493	U
10061-01-5	cis-1,3-Dichloropropene	493	U
108-10-1	4-Methyl-2-pentanone	985	U
108-88-3	Toluene	493	U
10061-02-6	trans-1,3-Dichloropropene	493	U
79-00-5	1,1,2-Trichloroethane	493	U
127-18-4	Tetrachloroethene	1230	U
142-28-9	1,3-Dichloropropane	493	U
591-78-6	2-Hexanone	985	U
124-48-1	Dibromochloromethane	493	U
106-93-4	1,2-Dibromoethane(EDB)	493	U
108-90-7	Chlorobenzene	493	U
630-20-6	1,1,1,2-Tetrachloroethane	493	U
100-41-4	Ethylbenzene	493	U
511-39-00	p,m-Xylene	985	U
95-47-6	o-Xylene	493	U
100-42-5	Styrene	493	U
75-25-2	Bromoform	1230	U
98-82-8	Isopropylbenzene (Cumene)	493	U
108-86-1	Bromobenzene	493	U
79-34-5	1,1,2,2-Tetrachloroethane	493	U
96-18-4	1,2,3-Trichloropropane	493	U
103-65-1	n-Propylbenzene	493	U
95-49-8	2-Chlorotoluene	493	U
106-43-4	4-Chlorotoluene	493	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T16-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718210 Lab File ID: 18210.D

Sample wt/vol: 2.03 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1114

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	493	U
98-06-6	tert-Butylbenzene	493	U
95-63-6	1,2,4-Trimethylbenzene	206	J
135-98-8	sec-Butylbenzene	493	U
541-73-1	1,3-Dichlorobenzene	493	U
106-46-7	1,4-Dichlorobenzene	493	U
99-87-6	4-Isopropyltoluene	493	U
104-51-8	n-Butylbenzene	493	U
95-50-1	1,2-Dichlorobenzene	493	U
96-12-8	1,2-Dibromo-3-chloropropane	2460	U
120-82-1	1,2,4-Trichlorobenzene	493	U
87-68-3	Hexachlorobutadiene	739	U
91-20-3	Naphthalene	836	
87-61-6	1,2,3-Trichlorobenzene	493	U
1634-04-4	MTBE	493	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718213 Lab File ID: 18213.D

Sample wt/vol: 2.03 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 0958

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	493	U
74-87-3	Chloromethane	493	U
75-01-4	Vinyl chloride	493	U
74-83-9	Bromomethane	493	U
75-00-3	Chloroethane	1230	U
75-69-4	Trichlorofluoromethane	493	U
75-35-4	1,1-Dichloroethene	493	U
107-02-8	Acrolein	6160	U
74-88-4	Methyl iodide	493	U
75-15-0	Carbon disulfide	493	U
75-09-2	Methylene chloride	1230	U
156-60-5	trans-1,2-Dichloroethene	493	U
107-13-1	Acrylonitrile	1230	U
75-34-3	1,1-Dichloroethane	493	U
67-64-1	Acetone	30000	
594-20-7	2,2-Dichloropropane	493	U
156-59-2	cis-1,2-Dichloroethene	493	U
74-97-5	Bromochloromethane	493	U
78-93-3	2-Butanone	4250	
67-66-3	Chloroform	493	U
71-55-6	1,1,1-Trichloroethane	493	U
56-23-5	Carbon tetrachloride	493	U
563-58-6	1,1-Dichloropropene	493	U
71-43-2	Benzene	493	U
107-06-2	1,2-Dichloroethane	493	U
79-01-6	Trichloroethene	493	U
108-05-4	Vinyl acetate	985	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718213 Lab File ID: 18213.D

Sample wt/vol: 2.03 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 0958

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	493	U
74-95-3	Dibromomethane	493	U
75-27-4	Bromodichloromethane	493	U
10061-01-5	cis-1,3-Dichloropropene	493	U
108-10-1	4-Methyl-2-pentanone	953	J
108-88-3	Toluene	493	U
10061-02-6	trans-1,3-Dichloropropene	493	U
79-00-5	1,1,2-Trichloroethane	493	U
127-18-4	Tetrachloroethene	1230	U
142-28-9	1,3-Dichloropropane	493	U
591-78-6	2-Hexanone	985	U
124-48-1	Dibromochloromethane	493	U
106-93-4	1,2-Dibromoethane(EDB)	493	U
108-90-7	Chlorobenzene	493	U
630-20-6	1,1,1,2-Tetrachloroethane	493	U
100-41-4	Ethylbenzene	493	U
511-39-00	p,m-Xylene	985	U
95-47-6	o-Xylene	493	U
100-42-5	Styrene	493	U
75-25-2	Bromoform	1230	U
98-82-8	Isopropylbenzene (Cumene)	493	U
108-86-1	Bromobenzene	493	U
79-34-5	1,1,2,2-Tetrachloroethane	493	U
96-18-4	1,2,3-Trichloropropane	493	U
103-65-1	n-Propylbenzene	493	U
95-49-8	2-Chlorotoluene	493	U
106-43-4	4-Chlorotoluene	493	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718213 Lab File ID: 18213.D

Sample wt/vol: 2.03 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 0958

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	493	U
98-06-6	tert-Butylbenzene	493	U
95-63-6	1,2,4-Trimethylbenzene	493	U
135-98-8	sec-Butylbenzene	493	U
541-73-1	1,3-Dichlorobenzene	493	U
106-46-7	1,4-Dichlorobenzene	493	U
99-87-6	4-Isopropyltoluene	493	U
104-51-8	n-Butylbenzene	493	U
95-50-1	1,2-Dichlorobenzene	493	U
96-12-8	1,2-Dibromo-3-chloropropane	2460	U
120-82-1	1,2,4-Trichlorobenzene	493	U
87-68-3	Hexachlorobutadiene	739	U
91-20-3	Naphthalene	493	U
87-61-6	1,2,3-Trichlorobenzene	493	U
1634-04-4	MTBE	493	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718214 Lab File ID: 18214.D

Sample wt/vol: 2.02 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1023

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	495	U
74-87-3	Chloromethane	495	U
75-01-4	Vinyl chloride	495	U
74-83-9	Bromomethane	495	U
75-00-3	Chloroethane	1240	U
75-69-4	Trichlorofluoromethane	495	U
75-35-4	1,1-Dichloroethene	495	U
107-02-8	Acrolein	6190	U
74-88-4	Methyl iodide	495	U
75-15-0	Carbon disulfide	495	U
75-09-2	Methylene chloride	1240	U
156-60-5	trans-1,2-Dichloroethene	495	U
107-13-1	Acrylonitrile	1240	U
75-34-3	1,1-Dichloroethane	495	U
67-64-1	Acetone	4440	
594-20-7	2,2-Dichloropropane	495	U
156-59-2	cis-1,2-Dichloroethene	495	U
74-97-5	Bromochloromethane	495	U
78-93-3	2-Butanone	2480	U
67-66-3	Chloroform	495	U
71-55-6	1,1,1-Trichloroethane	495	U
56-23-5	Carbon tetrachloride	495	U
563-58-6	1,1-Dichloropropene	495	U
71-43-2	Benzene	495	U
107-06-2	1,2-Dichloroethane	495	U
79-01-6	Trichloroethene	495	U
108-05-4	Vinyl acetate	990	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718214 Lab File ID: 18214.D

Sample wt/vol: 2.02 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1023

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	495	U
74-95-3	Dibromomethane	495	U
75-27-4	Bromodichloromethane	495	U
10061-01-5	cis-1,3-Dichloropropene	495	U
108-10-1	4-Methyl-2-pentanone	990	U
108-88-3	Toluene	495	U
10061-02-6	trans-1,3-Dichloropropene	495	U
79-00-5	1,1,2-Trichloroethane	495	U
127-18-4	Tetrachloroethene	1240	U
142-28-9	1,3-Dichloropropane	495	U
591-78-6	2-Hexanone	990	U
124-48-1	Dibromochloromethane	495	U
106-93-4	1,2-Dibromoethane(EDB)	495	U
108-90-7	Chlorobenzene	495	U
630-20-6	1,1,1,2-Tetrachloroethane	495	U
100-41-4	Ethylbenzene	495	U
511-39-00	p,m-Xylene	990	U
95-47-6	o-Xylene	495	U
100-42-5	Styrene	495	U
75-25-2	Bromoform	1240	U
98-82-8	Isopropylbenzene (Cumene)	495	U
108-86-1	Bromobenzene	495	U
79-34-5	1,1,2,2-Tetrachloroethane	495	U
96-18-4	1,2,3-Trichloropropane	495	U
103-65-1	n-Propylbenzene	495	U
95-49-8	2-Chlorotoluene	495	U
106-43-4	4-Chlorotoluene	495	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718214 Lab File ID: 18214.D

Sample wt/vol: 2.02 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1023

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	495	U
98-06-6	tert-Butylbenzene	495	U
95-63-6	1,2,4-Trimethylbenzene	495	U
135-98-8	sec-Butylbenzene	495	U
541-73-1	1,3-Dichlorobenzene	495	U
106-46-7	1,4-Dichlorobenzene	495	U
99-87-6	4-Isopropyltoluene	495	U
104-51-8	n-Butylbenzene	495	U
95-50-1	1,2-Dichlorobenzene	495	U
96-12-8	1,2-Dibromo-3-chloropropane	2480	U
120-82-1	1,2,4-Trichlorobenzene	495	U
87-68-3	Hexachlorobutadiene	742	U
91-20-3	Naphthalene	495	U
87-61-6	1,2,3-Trichlorobenzene	495	U
1634-04-4	MTBE	495	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718215 Lab File ID: 18215.D

Sample wt/vol: 1.29 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1048

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	775	U
74-87-3	Chloromethane	775	U
75-01-4	Vinyl chloride	775	U
74-83-9	Bromomethane	775	U
75-00-3	Chloroethane	1940	U
75-69-4	Trichlorofluoromethane	775	U
75-35-4	1,1-Dichloroethene	775	U
107-02-8	Acrolein	9690	U
74-88-4	Methyl iodide	775	U
75-15-0	Carbon disulfide	602	J
75-09-2	Methylene chloride	1940	U
156-60-5	trans-1,2-Dichloroethene	775	U
107-13-1	Acrylonitrile	1940	U
75-34-3	1,1-Dichloroethane	775	U
67-64-1	Acetone	1420	J
594-20-7	2,2-Dichloropropane	775	U
156-59-2	cis-1,2-Dichloroethene	775	U
74-97-5	Bromochloromethane	775	U
78-93-3	2-Butanone	3880	U
67-66-3	Chloroform	775	U
71-55-6	1,1,1-Trichloroethane	775	U
56-23-5	Carbon tetrachloride	775	U
563-58-6	1,1-Dichloropropene	775	U
71-43-2	Benzene	775	U
107-06-2	1,2-Dichloroethane	775	U
79-01-6	Trichloroethene	775	U
108-05-4	Vinyl acetate	1550	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718215 Lab File ID: 18215.D

Sample wt/vol: 1.29 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1048

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	775	U
74-95-3	Dibromomethane	775	U
75-27-4	Bromodichloromethane	775	U
10061-01-5	cis-1,3-Dichloropropene	775	U
108-10-1	4-Methyl-2-pentanone	1550	U
108-88-3	Toluene	775	U
10061-02-6	trans-1,3-Dichloropropene	775	U
79-00-5	1,1,2-Trichloroethane	775	U
127-18-4	Tetrachloroethene	1940	U
142-28-9	1,3-Dichloropropane	775	U
591-78-6	2-Hexanone	1550	U
124-48-1	Dibromochloromethane	775	U
106-93-4	1,2-Dibromoethane(EDB)	775	U
108-90-7	Chlorobenzene	775	U
630-20-6	1,1,1,2-Tetrachloroethane	775	U
100-41-4	Ethylbenzene	775	U
511-39-00	p,m-Xylene	1070	J
95-47-6	o-Xylene	604	J
100-42-5	Styrene	775	U
75-25-2	Bromoform	1940	U
98-82-8	Isopropylbenzene (Cumene)	775	U
108-86-1	Bromobenzene	775	U
79-34-5	1,1,2,2-Tetrachloroethane	775	U
96-18-4	1,2,3-Trichloropropane	775	U
103-65-1	n-Propylbenzene	143	J
95-49-8	2-Chlorotoluene	775	U
106-43-4	4-Chlorotoluene	775	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718215 Lab File ID: 18215.D

Sample wt/vol: 1.29 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1048

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	816	
98-06-6	tert-Butylbenzene	775	U
95-63-6	1,2,4-Trimethylbenzene	2660	
135-98-8	sec-Butylbenzene	775	U
541-73-1	1,3-Dichlorobenzene	775	U
106-46-7	1,4-Dichlorobenzene	775	U
99-87-6	4-Isopropyltoluene	775	U
104-51-8	n-Butylbenzene	775	U
95-50-1	1,2-Dichlorobenzene	775	U
96-12-8	1,2-Dibromo-3-chloropropane	3880	U
120-82-1	1,2,4-Trichlorobenzene	775	U
87-68-3	Hexachlorobutadiene	1160	U
91-20-3	Naphthalene	10000	
87-61-6	1,2,3-Trichlorobenzene	775	U
1634-04-4	MTBE	775	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718216 Lab File ID: 18216.D

Sample wt/vol: 3.82 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1113

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	262	U
74-87-3	Chloromethane	262	U
75-01-4	Vinyl chloride	262	U
74-83-9	Bromomethane	262	U
75-00-3	Chloroethane	654	U
75-69-4	Trichlorofluoromethane	262	U
75-35-4	1,1-Dichloroethene	262	U
107-02-8	Acrolein	3270	U
74-88-4	Methyl iodide	262	U
75-15-0	Carbon disulfide	262	U
75-09-2	Methylene chloride	654	U
156-60-5	trans-1,2-Dichloroethene	262	U
107-13-1	Acrylonitrile	654	U
75-34-3	1,1-Dichloroethane	262	U
67-64-1	Acetone	1810	
594-20-7	2,2-Dichloropropane	262	U
156-59-2	cis-1,2-Dichloroethene	262	U
74-97-5	Bromochloromethane	262	U
78-93-3	2-Butanone	3230	
67-66-3	Chloroform	262	U
71-55-6	1,1,1-Trichloroethane	262	U
56-23-5	Carbon tetrachloride	262	U
563-58-6	1,1-Dichloropropene	262	U
71-43-2	Benzene	78	J
107-06-2	1,2-Dichloroethane	262	U
79-01-6	Trichloroethene	262	U
108-05-4	Vinyl acetate	524	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718216 Lab File ID: 18216.D

Sample wt/vol: 3.82 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1113

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	262	U
74-95-3	Dibromomethane	262	U
75-27-4	Bromodichloromethane	262	U
10061-01-5	cis-1,3-Dichloropropene	262	U
108-10-1	4-Methyl-2-pentanone	524	U
108-88-3	Toluene	585	
10061-02-6	trans-1,3-Dichloropropene	262	U
79-00-5	1,1,2-Trichloroethane	262	U
127-18-4	Tetrachloroethene	654	U
142-28-9	1,3-Dichloropropane	262	U
591-78-6	2-Hexanone	524	U
124-48-1	Dibromochloromethane	262	U
106-93-4	1,2-Dibromoethane(EDB)	262	U
108-90-7	Chlorobenzene	262	U
630-20-6	1,1,1,2-Tetrachloroethane	262	U
100-41-4	Ethylbenzene	262	U
511-39-00	p,m-Xylene	179	J
95-47-6	o-Xylene	262	U
100-42-5	Styrene	262	U
75-25-2	Bromoform	654	U
98-82-8	Isopropylbenzene (Cumene)	2120	
108-86-1	Bromobenzene	262	U
79-34-5	1,1,2,2-Tetrachloroethane	262	U
96-18-4	1,2,3-Trichloropropane	262	U
103-65-1	n-Propylbenzene	262	U
95-49-8	2-Chlorotoluene	262	U
106-43-4	4-Chlorotoluene	262	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718216 Lab File ID: 18216.D

Sample wt/vol: 3.82 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1113

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	262	U
98-06-6	tert-Butylbenzene	262	U
95-63-6	1,2,4-Trimethylbenzene	262	U
135-98-8	sec-Butylbenzene	262	U
541-73-1	1,3-Dichlorobenzene	262	U
106-46-7	1,4-Dichlorobenzene	262	U
99-87-6	4-Isopropyltoluene	262	U
104-51-8	n-Butylbenzene	262	U
95-50-1	1,2-Dichlorobenzene	149	J
96-12-8	1,2-Dibromo-3-chloropropane	1310	U
120-82-1	1,2,4-Trichlorobenzene	262	U
87-68-3	Hexachlorobutadiene	393	U
91-20-3	Naphthalene	592	
87-61-6	1,2,3-Trichlorobenzene	262	U
1634-04-4	MTBE	262	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718217 Lab File ID: 18217.D

Sample wt/vol: 1.27 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1138

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	787	U
74-87-3	Chloromethane	787	U
75-01-4	Vinyl chloride	787	U
74-83-9	Bromomethane	787	U
75-00-3	Chloroethane	1970	U
75-69-4	Trichlorofluoromethane	787	U
75-35-4	1,1-Dichloroethene	787	U
107-02-8	Acrolein	9840	U
74-88-4	Methyl iodide	787	U
75-15-0	Carbon disulfide	787	U
75-09-2	Methylene chloride	1970	U
156-60-5	trans-1,2-Dichloroethene	787	U
107-13-1	Acrylonitrile	1970	U
75-34-3	1,1-Dichloroethane	787	U
67-64-1	Acetone	6120	
594-20-7	2,2-Dichloropropane	787	U
156-59-2	cis-1,2-Dichloroethene	787	U
74-97-5	Bromochloromethane	787	U
78-93-3	2-Butanone	3410	J
67-66-3	Chloroform	787	U
71-55-6	1,1,1-Trichloroethane	787	U
56-23-5	Carbon tetrachloride	787	U
563-58-6	1,1-Dichloropropene	787	U
71-43-2	Benzene	1600	
107-06-2	1,2-Dichloroethane	787	U
79-01-6	Trichloroethene	787	U
108-05-4	Vinyl acetate	1570	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-CARBON1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718217 Lab File ID: 18217.D

Sample wt/vol: 1.27 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1138

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	787	U
74-95-3	Dibromomethane	787	U
75-27-4	Bromodichloromethane	787	U
10061-01-5	cis-1,3-Dichloropropene	787	U
108-10-1	4-Methyl-2-pentanone	686	J
108-88-3	Toluene	3780	
10061-02-6	trans-1,3-Dichloropropene	787	U
79-00-5	1,1,2-Trichloroethane	787	U
127-18-4	Tetrachloroethene	1970	U
142-28-9	1,3-Dichloropropane	787	U
591-78-6	2-Hexanone	1570	U
124-48-1	Dibromochloromethane	787	U
106-93-4	1,2-Dibromoethane(EDB)	787	U
108-90-7	Chlorobenzene	787	U
630-20-6	1,1,1,2-Tetrachloroethane	787	U
100-41-4	Ethylbenzene	1440	
511-39-00	p,m-Xylene	1180	J
95-47-6	o-Xylene	490	J
100-42-5	Styrene	963	
75-25-2	Bromoform	1970	U
98-82-8	Isopropylbenzene (Cumene)	873	
108-86-1	Bromobenzene	787	U
79-34-5	1,1,2,2-Tetrachloroethane	787	U
96-18-4	1,2,3-Trichloropropane	787	U
103-65-1	n-Propylbenzene	787	U
95-49-8	2-Chlorotoluene	787	U
106-43-4	4-Chlorotoluene	787	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718217 Lab File ID: 18217.D

Sample wt/vol: 1.27 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1138

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	787	U
98-06-6	tert-Butylbenzene	787	U
95-63-6	1,2,4-Trimethylbenzene	461	J
135-98-8	sec-Butylbenzene	787	U
541-73-1	1,3-Dichlorobenzene	787	U
106-46-7	1,4-Dichlorobenzene	787	U
99-87-6	4-Isopropyltoluene	1330	
104-51-8	n-Butylbenzene	787	U
95-50-1	1,2-Dichlorobenzene	787	U
96-12-8	1,2-Dibromo-3-chloropropane	3940	U
120-82-1	1,2,4-Trichlorobenzene	787	U
87-68-3	Hexachlorobutadiene	1180	U
91-20-3	Naphthalene	859	
87-61-6	1,2,3-Trichlorobenzene	787	U
1634-04-4	MTBE	787	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218 Lab File ID: 18218.D

Sample wt/vol: 2.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1204

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	478	U
74-87-3	Chloromethane	478	U
75-01-4	Vinyl chloride	478	U
74-83-9	Bromomethane	478	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	478	U
75-35-4	1,1-Dichloroethene	478	U
107-02-8	Acrolein	5980	U
74-88-4	Methyl iodide	478	U
75-15-0	Carbon disulfide	478	U
75-09-2	Methylene chloride	1200	U
156-60-5	trans-1,2-Dichloroethene	478	U
107-13-1	Acrylonitrile	1200	U
75-34-3	1,1-Dichloroethane	478	U
67-64-1	Acetone	5580	
594-20-7	2,2-Dichloropropane	478	U
156-59-2	cis-1,2-Dichloroethene	478	U
74-97-5	Bromochloromethane	478	U
78-93-3	2-Butanone	1260	J
67-66-3	Chloroform	478	U
71-55-6	1,1,1-Trichloroethane	478	U
56-23-5	Carbon tetrachloride	478	U
563-58-6	1,1-Dichloropropene	478	U
71-43-2	Benzene	478	U
107-06-2	1,2-Dichloroethane	478	U
79-01-6	Trichloroethene	478	U
108-05-4	Vinyl acetate	957	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218 Lab File ID: 18218.D

Sample wt/vol: 2.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1204

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	478	U
74-95-3	Dibromomethane	478	U
75-27-4	Bromodichloromethane	478	U
10061-01-5	cis-1,3-Dichloropropene	478	U
108-10-1	4-Methyl-2-pentanone	957	U
108-88-3	Toluene	478	U
10061-02-6	trans-1,3-Dichloropropene	478	U
79-00-5	1,1,2-Trichloroethane	478	U
127-18-4	Tetrachloroethene	1200	U
142-28-9	1,3-Dichloropropane	478	U
591-78-6	2-Hexanone	957	U
124-48-1	Dibromochloromethane	478	U
106-93-4	1,2-Dibromoethane(EDB)	478	U
108-90-7	Chlorobenzene	478	U
630-20-6	1,1,1,2-Tetrachloroethane	478	U
100-41-4	Ethylbenzene	478	U
511-39-00	p,m-Xylene	957	U
95-47-6	o-Xylene	478	U
100-42-5	Styrene	478	U
75-25-2	Bromoform	1200	U
98-82-8	Isopropylbenzene (Cumene)	478	U
108-86-1	Bromobenzene	478	U
79-34-5	1,1,2,2-Tetrachloroethane	478	U
96-18-4	1,2,3-Trichloropropane	478	U
103-65-1	n-Propylbenzene	478	U
95-49-8	2-Chlorotoluene	478	U
106-43-4	4-Chlorotoluene	478	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218 Lab File ID: 18218.D

Sample wt/vol: 2.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 1204

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	478	U
98-06-6	tert-Butylbenzene	478	U
95-63-6	1,2,4-Trimethylbenzene	228	J
135-98-8	sec-Butylbenzene	478	U
541-73-1	1,3-Dichlorobenzene	478	U
106-46-7	1,4-Dichlorobenzene	478	U
99-87-6	4-Isopropyltoluene	478	U
104-51-8	n-Butylbenzene	478	U
95-50-1	1,2-Dichlorobenzene	478	U
96-12-8	1,2-Dibromo-3-chloropropane	2390	U
120-82-1	1,2,4-Trichlorobenzene	478	U
87-68-3	Hexachlorobutadiene	718	U
91-20-3	Naphthalene	1280	
87-61-6	1,2,3-Trichlorobenzene	478	U
1634-04-4	MTBE	478	U

QC Summary

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071807BLK11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 071807BLK11 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 07/18/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1015

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071807BLK11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 071807BLK11 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 07/18/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1015

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071807BLK11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 071807BLK11 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 07/18/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1015

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071907BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 071907BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 07/19/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 0921

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071907BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 071907BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 07/19/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 0921

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071907BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 071907BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 07/19/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/19/07 Time: 0921

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

071807LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	2270	114.0		30.0	45 - 128
Chloromethane	2000	2080	104.0		30.0	70 - 130
Vinyl chloride	2000	1870	93.5		30.0	70 - 130
Bromomethane	2000	2180	109.0		30.0	39 - 148
Chloroethane	2000	1870	93.5		30.0	55 - 139
Trichlorofluoromethane	2000	1980	99.0		30.0	70 - 130
1,1-Dichloroethene	2000	1920	96.0		30.0	70 - 130
Acrolein	6000	5940	99.0		30.0	69 - 130
Methyl iodide	2000	1960	98.0		30.0	55 - 133
Carbon disulfide	2000	1840	92.0		30.0	65 - 130
Methylene chloride	2000	1980	99.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2010	100.0		30.0	70 - 130
Acrylonitrile	6000	5960	99.3		30.0	70 - 130
1,1-Dichloroethane	2000	2040	102.0		30.0	70 - 130
Acetone	6000	4660	77.7		30.0	58 - 133
2,2-Dichloropropane	2000	2040	102.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2070	104.0		30.0	70 - 130
Bromochloromethane	2000	2040	102.0		30.0	70 - 130
2-Butanone	6000	6410	107.0		30.0	70 - 130
Chloroform	2000	2030	102.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2200	110.0		30.0	70 - 130
Carbon tetrachloride	2000	2170	108.0		30.0	70 - 130
1,1-Dichloropropene	2000	2000	100.0		30.0	70 - 130
Benzene	2000	2050	102.0		30.0	70 - 130
1,2-Dichloroethane	2000	2110	106.0		30.0	70 - 130
Trichloroethene	2000	2200	110.0		30.0	70 - 130
Vinyl acetate	2000	1920	96.0		30.0	70 - 130
1,2-Dichloropropane	2000	2040	102.0		30.0	70 - 130
Dibromomethane	2000	2020	101.0		30.0	70 - 130
Bromodichloromethane	2000	2070	104.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2040	102.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6060	101.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 071807LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2230	112.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2080	104.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2090	104.0		30.0	70 - 130
Tetrachloroethene	2000	2010	100.0		30.0	70 - 130
1,3-Dichloropropane	2000	1990	99.5		30.0	70 - 130
2-Hexanone	6000	6220	104.0		30.0	70 - 130
Dibromochloromethane	2000	2040	102.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2180	109.0		30.0	70 - 130
Chlorobenzene	2000	2120	106.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2090	104.0		30.0	70 - 130
Ethylbenzene	2000	2120	106.0		30.0	70 - 130
p,m-Xylene	4000	4170	104.0		30.0	70 - 130
o-Xylene	2000	2090	104.0		30.0	70 - 130
Styrene	2000	2070	104.0		30.0	70 - 130
Bromoform	2000	2030	102.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1990	99.5		30.0	70 - 130
Bromobenzene	2000	2040	102.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1990	99.5		30.0	70 - 130
1,2,3-Trichloropropane	2000	2120	106.0		30.0	70 - 130
n-Propylbenzene	2000	2020	101.0		30.0	70 - 130
2-Chlorotoluene	2000	2090	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2060	103.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2030	102.0		30.0	70 - 130
tert-Butylbenzene	2000	2170	108.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2090	104.0		30.0	70 - 130
sec-Butylbenzene	2000	2060	103.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2130	106.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	2080	104.0		30.0	70 - 130
4-Isopropyltoluene	2000	2050	102.0		30.0	70 - 130
n-Butylbenzene	2000	2070	104.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2070	104.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2370	118.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

230707 1754

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

071807LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	2280	114.0		30.0	65 - 130
Hexachlorobutadiene	2000	2080	104.0		30.0	70 - 130
Naphthalene	2000	2250	112.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2330	116.0		30.0	70 - 130
MTBE	2000	2100	105.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 071907LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	2760	138.0 *		30.0	45 - 128
Chloromethane	2000	2460	123.0		30.0	70 - 130
Vinyl chloride	2000	2150	108.0		30.0	70 - 130
Bromomethane	2000	2100	105.0		30.0	39 - 148
Chloroethane	2000	2160	108.0		30.0	55 - 139
Trichlorofluoromethane	2000	2360	118.0		30.0	70 - 130
1,1-Dichloroethene	2000	1960	98.0		30.0	70 - 130
Acrolein	6000	5930	98.8		30.0	69 - 130
Methyl iodide	2000	1880	94.0		30.0	55 - 133
Carbon disulfide	2000	1840	92.0		30.0	65 - 130
Methylene chloride	2000	1890	94.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	1990	99.5		30.0	70 - 130
Acrylonitrile	6000	5590	93.2		30.0	70 - 130
1,1-Dichloroethane	2000	2070	104.0		30.0	70 - 130
Acetone	6000	5430	90.5		30.0	58 - 133
2,2-Dichloropropane	2000	2140	107.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2050	102.0		30.0	70 - 130
Bromochloromethane	2000	2030	102.0		30.0	70 - 130
2-Butanone	6000	5670	94.5		30.0	70 - 130
Chloroform	2000	2000	100.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2170	108.0		30.0	70 - 130
Carbon tetrachloride	2000	2180	109.0		30.0	70 - 130
1,1-Dichloropropene	2000	1930	96.5		30.0	70 - 130
Benzene	2000	2010	100.0		30.0	70 - 130
1,2-Dichloroethane	2000	1940	97.0		30.0	70 - 130
Trichloroethene	2000	2140	107.0		30.0	70 - 130
Vinyl acetate	2000	1910	95.5		30.0	70 - 130
1,2-Dichloropropane	2000	1910	95.5		30.0	70 - 130
Dibromomethane	2000	1970	98.5		30.0	70 - 130
Bromodichloromethane	2000	1940	97.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	1940	97.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5380	89.7		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 071907LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2030	102.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	1970	98.5		30.0	70 - 130
1,1,2-Trichloroethane	2000	1990	99.5		30.0	70 - 130
Tetrachloroethene	2000	2010	100.0		30.0	70 - 130
1,3-Dichloropropane	2000	1900	95.0		30.0	70 - 130
2-Hexanone	6000	5860	97.7		30.0	70 - 130
Dibromochloromethane	2000	1900	95.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2040	102.0		30.0	70 - 130
Chlorobenzene	2000	2010	100.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2020	101.0		30.0	70 - 130
Ethylbenzene	2000	1990	99.5		30.0	70 - 130
p,m-Xylene	4000	4080	102.0		30.0	70 - 130
o-Xylene	2000	2000	100.0		30.0	70 - 130
Styrene	2000	2030	102.0		30.0	70 - 130
Bromoform	2000	2000	100.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1880	94.0		30.0	70 - 130
Bromobenzene	2000	1910	95.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1840	92.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	1990	99.5		30.0	70 - 130
n-Propylbenzene	2000	1950	97.5		30.0	70 - 130
2-Chlorotoluene	2000	1980	99.0		30.0	70 - 130
4-Chlorotoluene	2000	1980	99.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1940	97.0		30.0	70 - 130
tert-Butylbenzene	2000	1910	95.5		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2000	100.0		30.0	70 - 130
sec-Butylbenzene	2000	1990	99.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	2050	102.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	2030	102.0		30.0	70 - 130
4-Isopropyltoluene	2000	2070	104.0		30.0	70 - 130
n-Butylbenzene	2000	2050	102.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2050	102.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2230	112.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

230707 1754

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

071907LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	2270	114.0		30.0	65 - 130
Hexachlorobutadiene	2000	2150	108.0		30.0	70 - 130
Naphthalene	2000	2260	113.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2340	117.0		30.0	70 - 130
MTBE	2000	2000	100.0		30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

230707 1754

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

071907LCS12D

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	2660	133.0 *	3.7	30.0	45 - 128
Chloromethane	2000	2090	104.0	16.3	30.0	70 - 130
Vinyl chloride	2000	1960	98.0	9.2	30.0	70 - 130
Bromomethane	2000	2080	104.0	1.0	30.0	39 - 148
Chloroethane	2000	1730	86.5	22.1	30.0	55 - 139
Trichlorofluoromethane	2000	2240	112.0	5.2	30.0	70 - 130
1,1-Dichloroethene	2000	1920	96.0	2.1	30.0	70 - 130
Acrolein	6000	5560	92.7	6.4	30.0	69 - 130
Methyl iodide	2000	1820	91.0	3.2	30.0	55 - 133
Carbon disulfide	2000	1740	87.0	5.6	30.0	65 - 130
Methylene chloride	2000	1790	89.5	5.4	30.0	70 - 130
trans-1,2-Dichloroethene	2000	1860	93.0	6.8	30.0	70 - 130
Acrylonitrile	6000	5740	95.7	2.6	30.0	70 - 130
1,1-Dichloroethane	2000	1940	97.0	6.5	30.0	70 - 130
Acetone	6000	5160	86.0	5.1	30.0	58 - 133
2,2-Dichloropropane	2000	2090	104.0	2.4	30.0	70 - 130
cis-1,2-Dichloroethene	2000	1930	96.5	6.0	30.0	70 - 130
Bromochloromethane	2000	1850	92.5	9.3	30.0	70 - 130
2-Butanone	6000	5580	93.0	1.6	30.0	70 - 130
Chloroform	2000	1880	94.0	6.2	30.0	70 - 130
1,1,1-Trichloroethane	2000	2010	100.0	7.7	30.0	70 - 130
Carbon tetrachloride	2000	2030	102.0	7.1	30.0	70 - 130
1,1-Dichloropropene	2000	1950	97.5	1.0	30.0	70 - 130
Benzene	2000	1890	94.5	6.2	30.0	70 - 130
1,2-Dichloroethane	2000	1980	99.0	2.0	30.0	70 - 130
Trichloroethene	2000	2010	100.0	6.3	30.0	70 - 130
Vinyl acetate	2000	1680	84.0	12.8	30.0	70 - 130
1,2-Dichloropropane	2000	1910	95.5	0.0	30.0	70 - 130
Dibromomethane	2000	1840	92.0	6.8	30.0	70 - 130
Bromodichloromethane	2000	1760	88.0	9.7	30.0	70 - 130
cis-1,3-Dichloropropene	2000	1880	94.0	3.1	30.0	70 - 130
4-Methyl-2-pentanone	6000	5260	87.7	2.3	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

230707 1754

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 071907LCS12D

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	1880	94.0	7.7	30.0	70 - 130
trans-1,3-Dichloropropene	2000	1870	93.5	5.2	30.0	70 - 130
1,1,2-Trichloroethane	2000	1820	91.0	8.9	30.0	70 - 130
Tetrachloroethene	2000	1950	97.5	3.0	30.0	70 - 130
1,3-Dichloropropane	2000	1870	93.5	1.6	30.0	70 - 130
2-Hexanone	6000	6000	100.0	2.4	30.0	70 - 130
Dibromochloromethane	2000	1830	91.5	3.8	30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1940	97.0	5.0	30.0	70 - 130
Chlorobenzene	2000	1920	96.0	4.6	30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1840	92.0	9.3	30.0	70 - 130
Ethylbenzene	2000	1880	94.0	5.7	30.0	70 - 130
p,m-Xylene	4000	3800	95.0	7.1	30.0	70 - 130
o-Xylene	2000	1920	96.0	4.1	30.0	70 - 130
Styrene	2000	1880	94.0	7.7	30.0	70 - 130
Bromoform	2000	1950	97.5	2.5	30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1790	89.5	4.9	30.0	70 - 130
Bromobenzene	2000	1820	91.0	4.8	30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1750	87.5	5.0	30.0	70 - 130
1,2,3-Trichloropropane	2000	1880	94.0	5.7	30.0	70 - 130
n-Propylbenzene	2000	1810	90.5	7.4	30.0	70 - 130
2-Chlorotoluene	2000	1850	92.5	6.8	30.0	70 - 130
4-Chlorotoluene	2000	1830	91.5	7.9	30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1830	91.5	5.8	30.0	70 - 130
tert-Butylbenzene	2000	1970	98.5	3.1	30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1910	95.5	4.6	30.0	70 - 130
sec-Butylbenzene	2000	1840	92.0	7.8	30.0	70 - 130
1,3-Dichlorobenzene	2000	1950	97.5	5.0	30.0	70 - 130
1,4-Dichlorobenzene	2000	1900	95.0	6.6	30.0	70 - 130
4-Isopropyltoluene	2000	1940	97.0	6.5	30.0	70 - 130
n-Butylbenzene	2000	1920	96.0	6.5	30.0	70 - 130
1,2-Dichlorobenzene	2000	1940	97.0	5.5	30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2000	100.0	10.9	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

071907LCS12D

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	2140	107.0	5.9	30.0	65 - 130
Hexachlorobutadiene	2000	2030	102.0	5.7	30.0	70 - 130
Naphthalene	2000	2100	105.0	7.3	30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2160	108.0	8.0	30.0	70 - 130
MTBE	2000	1930	96.5	3.6	30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

3

VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-T16-MS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Dichlorodifluoromethane	5130	0	5180	101.0	38 - 122
Chloromethane	5130	0	4730	92.2	65 - 100
Vinyl chloride	5130	0	3930	76.6	58 - 97
Bromomethane	5130	0	2350	45.8 *	48 - 104
Chloroethane	5130	0	3220	62.8	46 - 103
Trichlorofluoromethane	5130	0	4420	86.2	39 - 121
1,1-Dichloroethene	5130	0	4270	83.2	66 - 121
Acrolein	15400	0	13000	84.4	31 - 129
Methyl iodide	5130	0	4330	84.4	54 - 128
Carbon disulfide	5130	0	4230	82.5	48 - 125
Methylene chloride	5130	0	4760	92.8	70 - 114
trans-1,2-Dichloroethene	5130	0	4440	86.5	69 - 117
Acrylonitrile	15400	0	13200	85.7	44 - 130
1,1-Dichloroethane	5130	0	4600	89.7	75 - 114
Acetone	15400	10200	25500	99.4	40 - 118
2,2-Dichloropropane	5130	0	4770	93.0	55 - 122
cis-1,2-Dichloroethene	5130	0	4680	91.2	72 - 120
Bromochloromethane	5130	0	4700	91.6	71 - 124
2-Butanone	15400	2520	16800	92.7	42 - 129
Chloroform	5130	0	4660	90.8	76 - 112
1,1,1-Trichloroethane	5130	0	4790	93.4	68 - 112
Carbon tetrachloride	5130	0	4950	96.5	63 - 113
1,1-Dichloropropene	5130	0	4320	84.2	60 - 116
Benzene	5130	0	4860	94.7	70 - 121
1,2-Dichloroethane	5130	0	5030	98.1	75 - 116
Trichloroethene	5130	0	5190	101.0	66 - 120
Vinyl acetate	5130	0	4320	84.2	43 - 134
1,2-Dichloropropane	5130	0	4910	95.7	75 - 116
Dibromomethane	5130	0	4840	94.3	71 - 121
Bromodichloromethane	5130	0	4870	94.9	77 - 109

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

230707 1754

3

VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac NPP-T16-MS

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
cis-1,3-Dichloropropene	5130	0	4830	94.2	71 - 114
4-Methyl-2-pentanone	15400	0	13000	84.4	55 - 117
Toluene	5130	0	5110	99.6	64 - 122
trans-1,3-Dichloropropene	5130	0	4830	94.2	68 - 117
1,1,2-Trichloroethane	5130	0	4970	96.9	76 - 119
Tetrachloroethene	5130	0	4640	90.4	50 - 127
1,3-Dichloropropane	5130	0	4630	90.3	72 - 113
2-Hexanone	15400	0	13700	89.0	55 - 122
Dibromochloromethane	5130	0	4690	91.4	68 - 108
1,2-Dibromoethane(EDB)	5130	0	4780	93.2	73 - 109
Chlorobenzene	5130	0	4970	96.9	59 - 117
1,1,1,2-Tetrachloroethane	5130	0	4770	93.0	70 - 106
Ethylbenzene	5130	0	4730	92.2	64 - 116
p,m-Xylene	10200	0	9750	95.6	62 - 118
o-Xylene	5130	0	4940	96.3	61 - 118
Styrene	5130	0	4810	93.8	60 - 119
Bromoform	5130	0	4380	85.4	52 - 119
Isopropylbenzene (Cumene)	5130	0	4520	88.1	42 - 131
Bromobenzene	5130	0	4780	93.2	63 - 111
1,1,2,2-Tetrachloroethane	5130	0	4570	89.1	68 - 113
1,2,3-Trichloropropane	5130	0	4770	93.0	65 - 118
n-Propylbenzene	5130	0	4500	87.7	35 - 132
2-Chlorotoluene	5130	0	4720	92.0	45 - 124
4-Chlorotoluene	5130	0	4760	92.8	46 - 122
1,3,5-Trimethylbenzene	5130	0	4740	92.4	41 - 128
tert-Butylbenzene	5130	0	4770	93.0	42 - 133
1,2,4-Trimethylbenzene	5130	0	5130	100.0	44 - 126
sec-Butylbenzene	5130	0	4580	89.3	29 - 135
1,3-Dichlorobenzene	5130	0	4860	94.7	42 - 122
1,4-Dichlorobenzene	5130	0	4880	95.1	44 - 123

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

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3

VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac | NPP-T16-MS

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
4-Isopropyltoluene	5130	0	4850	94.5	29 - 135
n-Butylbenzene	5130	0	4860	94.7	19 - 139
1,2-Dichlorobenzene	5130	0	5020	97.9	47 - 125
1,2-Dibromo-3-chloropropane	5130	0	5410	106.0	55 - 118
1,2,4-Trichlorobenzene	5130	0	5640	110.0	18 - 134
Hexachlorobutadiene	5130	0	4920	95.9	10 - 130
Naphthalene	5130	728	6380	110.0	16 - 145
1,2,3-Trichlorobenzene	5130	0	5510	107.0	16 - 134
MTBE	5130	0	5060	98.6	53 - 141

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

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VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-T16-SD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	5290	5000	94.5	3.5	30	38 - 122
Chloromethane	5290	4890	92.4	3.3	23	65 - 100
Vinyl chloride	5290	3770	71.3	4.2	30	58 - 97
Bromomethane	5290	2320	43.9 *	1.3	29	48 - 104
Chloroethane	5290	3320	62.8	3.1	30	46 - 103
Trichlorofluoromethane	5290	4060	76.7	8.5	24	39 - 121
1,1-Dichloroethene	5290	4030	76.2	5.8	30	66 - 121
Acrolein	15900	11400	71.7	13.1	30	31 - 129
Methyl iodide	5290	4240	80.2	2.1	25	54 - 128
Carbon disulfide	5290	3850	72.8	9.4	25	48 - 125
Methylene chloride	5290	4480	84.7	6.1	30	70 - 114
trans-1,2-Dichloroethene	5290	4310	81.5	3.0	25	69 - 117
Acrylonitrile	15900	13500	84.9	2.2	30	44 - 130
1,1-Dichloroethane	5290	4730	89.4	2.8	30	75 - 114
Acetone	15900	25900	98.7	1.6	30	40 - 118
2,2-Dichloropropane	5290	4250	80.3	11.5	30	55 - 122
cis-1,2-Dichloroethene	5290	4730	89.4	1.1	24	72 - 120
Bromochloromethane	5290	4940	93.4	5.0	30	71 - 124
2-Butanone	15900	17600	94.8	4.7	30	42 - 129
Chloroform	5290	4620	87.3	0.9	30	76 - 112
1,1,1-Trichloroethane	5290	4610	87.1	3.8	30	68 - 112
Carbon tetrachloride	5290	4600	87.0	7.3	30	63 - 113
1,1-Dichloropropene	5290	4290	81.1	0.7	15	60 - 116
Benzene	5290	4740	89.6	2.5	30	70 - 121
1,2-Dichloroethane	5290	4960	93.8	1.4	26	75 - 116
Trichloroethene	5290	4950	93.6	4.7	27	66 - 120
Vinyl acetate	5290	3650	69.0	16.8	30	43 - 134
1,2-Dichloropropane	5290	4840	91.5	1.4	30	75 - 116
Dibromomethane	5290	4770	90.2	1.5	30	71 - 121
Bromodichloromethane	5290	4790	90.5	1.7	30	77 - 109

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

230707 1754

3

VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-T16-SD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	5290	4800	90.7	0.6	22	71 - 114
4-Methyl-2-pentanone	15900	13800	86.8	6.0	30	55 - 117
Toluene	5290	5030	95.1	1.6	27	64 - 122
trans-1,3-Dichloropropene	5290	4780	90.4	1.0	29	68 - 117
1,1,2-Trichloroethane	5290	4980	94.1	0.2	18	76 - 119
Tetrachloroethene	5290	4340	82.0	6.7	30	50 - 127
1,3-Dichloropropane	5290	4720	89.2	1.9	30	72 - 113
2-Hexanone	15900	14100	88.7	2.9	30	55 - 122
Dibromochloromethane	5290	4580	86.6	2.4	30	68 - 108
1,2-Dibromoethane(EDB)	5290	4870	92.1	1.9	25	73 - 109
Chlorobenzene	5290	4710	89.0	5.4	30	59 - 117
1,1,1,2-Tetrachloroethane	5290	4670	88.3	2.1	30	70 - 106
Ethylbenzene	5290	4640	87.7	1.9	30	64 - 116
p,m-Xylene	10600	9510	89.7	2.5	12	62 - 118
o-Xylene	5290	4910	92.8	0.6	30	61 - 118
Styrene	5290	4770	90.2	0.8	30	60 - 119
Bromoform	5290	4520	85.4	3.1	30	52 - 119
Isopropylbenzene (Cumene)	5290	4380	82.8	3.1	30	42 - 131
Bromobenzene	5290	4710	89.0	1.5	30	63 - 111
1,1,2,2-Tetrachloroethane	5290	4660	88.1	2.0	30	68 - 113
1,2,3-Trichloropropane	5290	4730	89.4	0.8	28	65 - 118
n-Propylbenzene	5290	4430	83.7	1.6	30	35 - 132
2-Chlorotoluene	5290	4640	87.7	1.7	30	45 - 124
4-Chlorotoluene	5290	4670	88.3	1.9	30	46 - 122
1,3,5-Trimethylbenzene	5290	4590	86.8	3.2	30	41 - 128
tert-Butylbenzene	5290	4870	92.1	2.1	30	42 - 133
1,2,4-Trimethylbenzene	5290	5050	95.5	1.6	30	44 - 126
sec-Butylbenzene	5290	4470	84.5	2.4	23	29 - 135
1,3-Dichlorobenzene	5290	4820	91.1	0.8	30	42 - 122
1,4-Dichlorobenzene	5290	4880	92.2	0.0	27	44 - 123

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

230707 1754

3

VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-T16-SD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4-Isopropyltoluene	5290	4640	87.7	4.4	30	29 - 135
n-Butylbenzene	5290	4650	87.9	4.4	30	19 - 139
1,2-Dichlorobenzene	5290	5040	95.3	0.4	30	47 - 125
1,2-Dibromo-3-chloropropane	5290	5050	95.5	6.9	26	55 - 118
1,2,4-Trichlorobenzene	5290	5730	108.0	1.6	30	18 - 134
Hexachlorobutadiene	5290	4490	84.9	9.1	30	10 - 130
Naphthalene	5290	6790	115.0	6.2	25	16 - 145
1,2,3-Trichlorobenzene	5290	5930	112.0	7.3	30	16 - 134
MTBE	5290	5060	95.7	0.0	30	53 - 141

RPD: 0 out of 69 outside limits

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

_____

Form III

230707 1754

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

230707 1755

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3580A for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 4-Nitrophenol.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

Sample NPP-CARBON1 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-T03 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-T10 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 14.2 % with criteria of (19-122).

Sample NPP-T11 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 1.5 % with criteria of (19-122).

Sample NPP-T14 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122), Phenol-d5 at 11.3 % with criteria of (24-113).

Sample NPP-T15 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122), 2-Fluorophenol at 22.3 % with criteria of (25-121), Phenol-d5 at 6.9 % with criteria of (24-113).

Sample NPP-T16 was recovered above criteria for the following surrogate(s): Phenol-d5 at 114 % with criteria of (24-113).

Sample NPP-T16-DUP was recovered above criteria for the following surrogate(s): Phenol-d5 at 114 % with criteria of (24-113).

Sample NPP-T17 was recovered below criteria for the following surrogate(s): Phenol-d5 at 7.4 % with criteria of (24-113) and was recovered above criteria for the following surrogate(s): 2-Fluorophenol at 122 % with criteria of (25-121).

Sample NPP-T20 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-T25 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-T26 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-T27 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122), 2-Fluorophenol at 17 % with criteria of (25-121), Phenol-d5 at 13.3 % with criteria of (24-113).

Samples coded accordingly. The most probable cause for surrogate variances is matrix interference.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

LCS 3202LCS was analyzed with the soil samples extracted on 07/18/07. The following analyte(s) were recovered below criteria: 2,4-Dinitrophenol at 0 % with criteria of (29-130), 3-Nitroaniline at 75.8 % with criteria of (76-110), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), Pentachlorophenol at 29 % with criteria of (36-120). The following analyte(s) had marginal exceedance limit failures: 2,4-Dinitrophenol at 0 % with criteria of (12.2-146.8).

Samples coded accordingly. The most probable cause for low recoveries in the LCS is the spike being diluted out since the final volume is 10 mL and the spike amount was not increased. This resulted in the spike concentration being near the RL.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

A client requested MS/SD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met with the exception of:
MS - NPP-T16-MS was analyzed with the soil samples extracted on 07/18/07. The following analyte(s) were recovered below criteria: 2,4,6-Trichlorophenol at 35.9 % with criteria of (47-181), 2,4-Dinitrophenol at 0 % with criteria of (10-174), 2-Methyl-4,6-dinitrophenol at 0 % with criteria of (19-138), 4-Nitrophenol at 0 % with criteria of (46-144), Benzoic acid at 0 % with criteria of (10-127), Hexachlorocyclopentadiene at 0 % with criteria of (15-114), Pentachlorophenol at 0 % with criteria of (10-223) and the following analyte(s) were recovered above criteria: Aniline at 185 % with criteria of (45-119).

SD - NPP-T16-SD was analyzed with the soil samples extracted on 07/18/07. The following analyte(s) were recovered below criteria: 2,4,6-Trichlorophenol at 45.7 % with criteria of (47-181), 2,4-Dinitrophenol at 0 % with criteria of (10-174), 2-Methyl-4,6-dinitrophenol at 0 % with criteria of (19-138), 4-Nitrophenol at 0 % with criteria of (46-144), Benzoic acid at 0 % with criteria of (10-127), Benzyl alcohol at 0 % with criteria of (45-131), Hexachlorocyclopentadiene at 0 % with criteria of (15-114), Pentachlorophenol at 0 % with criteria of (10-223) and the following analyte(s) were recovered above criteria: 1-Methylnaphthalene at 133 % with criteria of (59-126), Aniline at 186 % with criteria of (45-119). The following analyte(s) exceeded RPD criteria: 2,4,5-Trichlorophenol at 27.2 % with criteria of (27), Benzyl alcohol at 200 % with criteria of (23).

Samples coded accordingly. The most probable cause for low recoveries in the MS/MSD is matrix interference in addition to the spike being diluted out since the final volume is 10 mL and the spike amount was not increased. This resulted in the spike concentration being near the RL.

E. Internal Standards:

All acceptance criteria were met.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

F. Samples:

Sample analysis proceeded normally.
Sample NPP-T13 required a 1:10 dilution due to high concentration of the following analyte(s): Benzoic acid. Both full and diluted runs are reported.

Sample NPP-T25 required a 1:5 dilution due to high concentration of the following analyte(s): Phenol. Both full and diluted runs are reported.

Due to sample matrix waste dilutions were performed with a final volume of 10 mL.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 07/23/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Method: 8270

EPA Sample No	Lab Sample ID
NPP-T03	250718201
NPP-T06	250718202
NPP-T08	250718203
NPP-T10	250718204
NPP-T11	250718205
NPP-T13	250718206
NPP-T13DL1	250718206DL1
NPP-T14	250718207
NPP-T15	250718208
NPP-T16	250718209
NPP-T16-DUP	250718210
NPP-T17	250718213
NPP-T20	250718214
NPP-T26	250718215
NPP-T27	250718216
NPP-CARBON1	250718217
NPP-T25	250718218
NPP-T25DL1	250718218DL1

230707 1755

Sample Data

230707 1755

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718201 Lab File ID: 182-01.D

Sample wt/vol: 1.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2013

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	33400	U
62-53-3	Aniline	33400	U
111-44-4	Bis(2-Chloroethyl)ether	33400	U
108-95-2	Phenol	400000	
95-57-8	2-Chlorophenol	33400	U
541-73-1	1,3-Dichlorobenzene	33400	U
106-46-7	1,4-Dichlorobenzene	33400	U
95-50-1	1,2-Dichlorobenzene	33400	U
100-51-6	Benzyl alcohol	83400	U
108-60-1	2,2-Oxybis(1-chloropropane)	33800	U
95-48-7	2-Methylphenol (o-Cresol)	12200	J
67-72-1	Hexachloroethane	33800	U
621-64-7	N-Nitroso-di-n-propylamine	33400	U
106-44-5	4-Methylphenol	35700	
98-95-3	Nitrobenzene	33400	U
78-59-1	Isophorone	33400	U
88-75-5	2-Nitrophenol	33400	U
105-67-9	2,4-Dimethylphenol	33400	U
65-85-0	Benzoic acid	167000	U
111-91-1	Bis(2-Chloroethoxy)methane	33400	U
120-83-2	2,4-Dichlorophenol	33400	U
120-82-1	1,2,4-Trichlorobenzene	33400	U
91-20-3	Naphthalene	33400	U
106-47-8	4-Chloroaniline	33400	U
91-57-6	2-Methylnaphthalene	6020	J
87-68-3	Hexachlorobutadiene	33400	U
59-50-7	4-Chloro-3-methylphenol	33400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718201 Lab File ID: 182-01.D

Sample wt/vol: 1.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2013

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	33400	U
77-47-4	Hexachlorocyclopentadiene	83400	U
88-06-2	2,4,6-Trichlorophenol	33400	U
95-95-4	2,4,5-Trichlorophenol	33400	U
91-58-7	2-Chloronaphthalene	33800	U
88-74-4	2-Nitroaniline	33400	U
208-96-8	Acenaphthylene	33400	U
131-11-3	Dimethyl-phthalate	33400	U
606-20-2	2,6-Dinitrotoluene	33400	U
83-32-9	Acenaphthene	33400	U
99-09-2	3-Nitroaniline	33400	U
51-28-5	2,4-Dinitrophenol	168000	U
132-64-9	Dibenzofuran	33400	U
121-14-2	2,4-Dinitrotoluene	33400	U
100-02-7	4-Nitrophenol	83400	U
86-73-7	Fluorene	33400	U
7005-72-3	4-Chlorophenyl-phenylether	33400	U
84-66-2	Diethylphthalate	33400	U
100-01-6	4-Nitroaniline	33400	U
534-52-1	2-Methyl-4,6-dinitrophenol	167000	U
86-30-6	N-Nitrosodiphenylamine	33400	U
101-55-3	4-Bromophenyl-phenylether	33400	U
118-74-1	Hexachlorobenzene	33400	U
87-86-5	Pentachlorophenol	167000	U
85-01-8	Phenanthrene	33400	U
120-12-7	Anthracene	33400	U
84-74-2	Di-n-butylphthalate	33400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718201 Lab File ID: 182-01.D

Sample wt/vol: 1.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2013

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	33400	U
129-00-0	Pyrene	33400	U
92-87-5	Benzidine	83800	U
85-68-7	Butylbenzylphthalate	33400	U
91-94-1	3,3'-Dichlorobenzidine	33400	U
56-55-3	Benzo(a)anthracene	33400	U
218-01-9	Chrysene	33400	U
117-81-7	bis(2-ethylhexyl)phthalate	33400	U
117-84-0	Di-n-octylphthalate	33400	U
205-99-2	Benzo(b)fluoranthene	33400	U
207-08-9	Benzo(k)fluoranthene	33400	U
50-32-8	Benzo(a)pyrene	33400	U
193-39-5	Indeno(1,2,3-cd)pyrene	33400	U
53-70-3	Dibenz(a,h)anthracene	33400	U
191-24-2	Benzo(g,h,i)perylene	33400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718202 Lab File ID: 182-02.D

Sample wt/vol: 1.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2043

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	36700	U
62-53-3	Aniline	36700	U
111-44-4	Bis(2-Chloroethyl)ether	36700	U
108-95-2	Phenol	18800	J
95-57-8	2-Chlorophenol	36700	U
541-73-1	1,3-Dichlorobenzene	36700	U
106-46-7	1,4-Dichlorobenzene	36700	U
95-50-1	1,2-Dichlorobenzene	36700	U
100-51-6	Benzyl alcohol	91800	U
108-60-1	2,2-Oxybis(1-chloropropane)	37200	U
95-48-7	2-Methylphenol (o-Cresol)	36700	U
67-72-1	Hexachloroethane	37200	U
621-64-7	N-Nitroso-di-n-propylamine	36700	U
106-44-5	4-Methylphenol	36700	U
98-95-3	Nitrobenzene	36700	U
78-59-1	Isophorone	36700	U
88-75-5	2-Nitrophenol	36700	U
105-67-9	2,4-Dimethylphenol	36700	U
65-85-0	Benzoic acid	184000	U
111-91-1	Bis(2-Chloroethoxy)methane	36700	U
120-83-2	2,4-Dichlorophenol	36700	U
120-82-1	1,2,4-Trichlorobenzene	36700	U
91-20-3	Naphthalene	23300	J
106-47-8	4-Chloroaniline	36700	U
91-57-6	2-Methylnaphthalene	111000	
87-68-3	Hexachlorobutadiene	36700	U
59-50-7	4-Chloro-3-methylphenol	36700	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718202 Lab File ID: 182-02.D

Sample wt/vol: 1.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2043

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	67700	
77-47-4	Hexachlorocyclopentadiene	91800	U
88-06-2	2,4,6-Trichlorophenol	36700	U
95-95-4	2,4,5-Trichlorophenol	36700	U
91-58-7	2-Chloronaphthalene	37200	U
88-74-4	2-Nitroaniline	36700	U
208-96-8	Acenaphthylene	36700	U
131-11-3	Dimethyl-phthalate	36700	U
606-20-2	2,6-Dinitrotoluene	36700	U
83-32-9	Acenaphthene	36700	U
99-09-2	3-Nitroaniline	36700	U
51-28-5	2,4-Dinitrophenol	184000	U
132-64-9	Dibenzofuran	36700	U
121-14-2	2,4-Dinitrotoluene	36700	U
100-02-7	4-Nitrophenol	91800	U
86-73-7	Fluorene	36700	U
7005-72-3	4-Chlorophenyl-phenylether	36700	U
84-66-2	Diethylphthalate	36700	U
100-01-6	4-Nitroaniline	36700	U
534-52-1	2-Methyl-4,6-dinitrophenol	184000	U
86-30-6	N-Nitrosodiphenylamine	30300	J
101-55-3	4-Bromophenyl-phenylether	36700	U
118-74-1	Hexachlorobenzene	36700	U
87-86-5	Pentachlorophenol	184000	U
85-01-8	Phenanthrene	36700	U
120-12-7	Anthracene	36700	U
84-74-2	Di-n-butylphthalate	36700	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718202 Lab File ID: 182-02.D

Sample wt/vol: 1.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2043

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	36700	U
129-00-0	Pyrene	36700	U
92-87-5	Benzidine	92200	U
85-68-7	Butylbenzylphthalate	36700	U
91-94-1	3,3'-Dichlorobenzidine	36700	U
56-55-3	Benzo(a)anthracene	36700	U
218-01-9	Chrysene	36700	U
117-81-7	bis(2-ethylhexyl)phthalate	42800	
117-84-0	Di-n-octylphthalate	36700	U
205-99-2	Benzo(b)fluoranthene	36700	U
207-08-9	Benzo(k)fluoranthene	36700	U
50-32-8	Benzo(a)pyrene	36700	U
193-39-5	Indeno(1,2,3-cd)pyrene	36700	U
53-70-3	Dibenz(a,h)anthracene	36700	U
191-24-2	Benzo(g,h,i)perylene	36700	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718203 Lab File ID: 182-03.D

Sample wt/vol: 1.26 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2112

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	31800	U
62-53-3	Aniline	31800	U
111-44-4	Bis(2-Chloroethyl)ether	31800	U
108-95-2	Phenol	331000	
95-57-8	2-Chlorophenol	31800	U
541-73-1	1,3-Dichlorobenzene	31800	U
106-46-7	1,4-Dichlorobenzene	31800	U
95-50-1	1,2-Dichlorobenzene	31800	U
100-51-6	Benzyl alcohol	79400	U
108-60-1	2,2-Oxybis(1-chloropropane)	32100	U
95-48-7	2-Methylphenol (o-Cresol)	31800	U
67-72-1	Hexachloroethane	32100	U
621-64-7	N-Nitroso-di-n-propylamine	31800	U
106-44-5	4-Methylphenol	11900	J
98-95-3	Nitrobenzene	31800	U
78-59-1	Isophorone	31800	U
88-75-5	2-Nitrophenol	31800	U
105-67-9	2,4-Dimethylphenol	24900	J
65-85-0	Benzoic acid	159000	U
111-91-1	Bis(2-Chloroethoxy)methane	31800	U
120-83-2	2,4-Dichlorophenol	31800	U
120-82-1	1,2,4-Trichlorobenzene	31800	U
91-20-3	Naphthalene	31800	U
106-47-8	4-Chloroaniline	31800	U
91-57-6	2-Methylnaphthalene	31800	U
87-68-3	Hexachlorobutadiene	31800	U
59-50-7	4-Chloro-3-methylphenol	31800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718203 Lab File ID: 182-03.D

Sample wt/vol: 1.26 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2112

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	31800	U
77-47-4	Hexachlorocyclopentadiene	79400	U
88-06-2	2,4,6-Trichlorophenol	31800	U
95-95-4	2,4,5-Trichlorophenol	31800	U
91-58-7	2-Chloronaphthalene	32100	U
88-74-4	2-Nitroaniline	31800	U
208-96-8	Acenaphthylene	31800	U
131-11-3	Dimethyl-phthalate	31800	U
606-20-2	2,6-Dinitrotoluene	31800	U
83-32-9	Acenaphthene	31800	U
99-09-2	3-Nitroaniline	31800	U
51-28-5	2,4-Dinitrophenol	160000	U
132-64-9	Dibenzofuran	31800	U
121-14-2	2,4-Dinitrotoluene	31800	U
100-02-7	4-Nitrophenol	79400	U
86-73-7	Fluorene	31800	U
7005-72-3	4-Chlorophenyl-phenylether	31800	U
84-66-2	Diethylphthalate	31800	U
100-01-6	4-Nitroaniline	31800	U
534-52-1	2-Methyl-4,6-dinitrophenol	159000	U
86-30-6	N-Nitrosodiphenylamine	31800	U
101-55-3	4-Bromophenyl-phenylether	31800	U
118-74-1	Hexachlorobenzene	31800	U
87-86-5	Pentachlorophenol	159000	U
85-01-8	Phenanthrene	31800	U
120-12-7	Anthracene	31800	U
84-74-2	Di-n-butylphthalate	31800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718203 Lab File ID: 182-03.D

Sample wt/vol: 1.26 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2112

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	31800	U
129-00-0	Pyrene	31800	U
92-87-5	Benzidine	79800	U
85-68-7	Butylbenzylphthalate	31800	U
91-94-1	3,3'-Dichlorobenzidine	31800	U
56-55-3	Benzo(a)anthracene	31800	U
218-01-9	Chrysene	31800	U
117-81-7	bis(2-ethylhexyl)phthalate	31800	U
117-84-0	Di-n-octylphthalate	31800	U
205-99-2	Benzo(b)fluoranthene	31800	U
207-08-9	Benzo(k)fluoranthene	31800	U
50-32-8	Benzo(a)pyrene	31800	U
193-39-5	Indeno(1,2,3-cd)pyrene	31800	U
53-70-3	Dibenz(a,h)anthracene	31800	U
191-24-2	Benzo(g,h,i)perylene	31800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718204 Lab File ID: 182-04.D

Sample wt/vol: 1.23 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2142

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	32600	U
62-53-3	Aniline	32600	U
111-44-4	Bis(2-Chloroethyl)ether	32600	U
108-95-2	Phenol	91700	J
95-57-8	2-Chlorophenol	32600	U
541-73-1	1,3-Dichlorobenzene	32600	U
106-46-7	1,4-Dichlorobenzene	32600	U
95-50-1	1,2-Dichlorobenzene	32600	U
100-51-6	Benzyl alcohol	81300	U
108-60-1	2,2-Oxybis(1-chloropropane)	32900	U
95-48-7	2-Methylphenol (o-Cresol)	32600	U
67-72-1	Hexachloroethane	32900	U
621-64-7	N-Nitroso-di-n-propylamine	32600	U
106-44-5	4-Methylphenol	32600	U
98-95-3	Nitrobenzene	32600	U
78-59-1	Isophorone	32600	U
88-75-5	2-Nitrophenol	32600	U
105-67-9	2,4-Dimethylphenol	32600	U
65-85-0	Benzoic acid	163000	U
111-91-1	Bis(2-Chloroethoxy)methane	32600	U
120-83-2	2,4-Dichlorophenol	32600	U
120-82-1	1,2,4-Trichlorobenzene	32600	U
91-20-3	Naphthalene	32600	U
106-47-8	4-Chloroaniline	32600	U
91-57-6	2-Methylnaphthalene	32600	U
87-68-3	Hexachlorobutadiene	32600	U
59-50-7	4-Chloro-3-methylphenol	32600	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718204 Lab File ID: 182-04.D

Sample wt/vol: 1.23 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2142

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	32600	U
77-47-4	Hexachlorocyclopentadiene	81300	U
88-06-2	2,4,6-Trichlorophenol	32600	U
95-95-4	2,4,5-Trichlorophenol	32600	U
91-58-7	2-Chloronaphthalene	32900	U
88-74-4	2-Nitroaniline	32600	U
208-96-8	Acenaphthylene	32600	U
131-11-3	Dimethyl-phthalate	32600	U
606-20-2	2,6-Dinitrotoluene	32600	U
83-32-9	Acenaphthene	32600	U
99-09-2	3-Nitroaniline	32600	U
51-28-5	2,4-Dinitrophenol	163000	U
132-64-9	Dibenzofuran	32600	U
121-14-2	2,4-Dinitrotoluene	32600	U
100-02-7	4-Nitrophenol	81300	U
86-73-7	Fluorene	32600	U
7005-72-3	4-Chlorophenyl-phenylether	32600	U
84-66-2	Diethylphthalate	32600	U
100-01-6	4-Nitroaniline	32600	U
534-52-1	2-Methyl-4,6-dinitrophenol	163000	U
86-30-6	N-Nitrosodiphenylamine	32600	U
101-55-3	4-Bromophenyl-phenylether	32600	U
118-74-1	Hexachlorobenzene	32600	U
87-86-5	Pentachlorophenol	163000	U
85-01-8	Phenanthrene	32600	U
120-12-7	Anthracene	32600	U
84-74-2	Di-n-butylphthalate	32600	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718204 Lab File ID: 182-04.D

Sample wt/vol: 1.23 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2142

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	32600	U
129-00-0	Pyrene	32600	U
92-87-5	Benzidine	81700	U
85-68-7	Butylbenzylphthalate	32600	U
91-94-1	3,3'-Dichlorobenzidine	32600	U
56-55-3	Benzo(a)anthracene	32600	U
218-01-9	Chrysene	32600	U
117-81-7	bis(2-ethylhexyl)phthalate	32600	U
117-84-0	Di-n-octylphthalate	32600	U
205-99-2	Benzo(b)fluoranthene	32600	U
207-08-9	Benzo(k)fluoranthene	32600	U
50-32-8	Benzo(a)pyrene	32600	U
193-39-5	Indeno(1,2,3-cd)pyrene	32600	U
53-70-3	Dibenz(a,h)anthracene	32600	U
191-24-2	Benzo(g,h,i)perylene	32600	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718205 Lab File ID: 182-05.D

Sample wt/vol: 1.33 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2211

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	30100	U
62-53-3	Aniline	30100	U
111-44-4	Bis(2-Chloroethyl)ether	30100	U
108-95-2	Phenol	48800	J
95-57-8	2-Chlorophenol	30100	U
541-73-1	1,3-Dichlorobenzene	30100	U
106-46-7	1,4-Dichlorobenzene	30100	U
95-50-1	1,2-Dichlorobenzene	30100	U
100-51-6	Benzyl alcohol	75200	U
108-60-1	2,2-Oxybis(1-chloropropane)	30400	U
95-48-7	2-Methylphenol (o-Cresol)	30100	U
67-72-1	Hexachloroethane	30400	U
621-64-7	N-Nitroso-di-n-propylamine	30100	U
106-44-5	4-Methylphenol	30100	U
98-95-3	Nitrobenzene	30100	U
78-59-1	Isophorone	30100	U
88-75-5	2-Nitrophenol	30100	U
105-67-9	2,4-Dimethylphenol	30100	U
65-85-0	Benzoic acid	150000	U
111-91-1	Bis(2-Chloroethoxy)methane	30100	U
120-83-2	2,4-Dichlorophenol	30100	U
120-82-1	1,2,4-Trichlorobenzene	30100	U
91-20-3	Naphthalene	30100	U
106-47-8	4-Chloroaniline	30100	U
91-57-6	2-Methylnaphthalene	30100	U
87-68-3	Hexachlorobutadiene	30100	U
59-50-7	4-Chloro-3-methylphenol	30100	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718205 Lab File ID: 182-05.D

Sample wt/vol: 1.33 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2211

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	30100	U
77-47-4	Hexachlorocyclopentadiene	75200	U
88-06-2	2,4,6-Trichlorophenol	30100	U
95-95-4	2,4,5-Trichlorophenol	30100	U
91-58-7	2-Chloronaphthalene	30400	U
88-74-4	2-Nitroaniline	30100	U
208-96-8	Acenaphthylene	30100	U
131-11-3	Dimethyl-phthalate	30100	U
606-20-2	2,6-Dinitrotoluene	30100	U
83-32-9	Acenaphthene	30100	U
99-09-2	3-Nitroaniline	30100	U
51-28-5	2,4-Dinitrophenol	151000	U
132-64-9	Dibenzofuran	30100	U
121-14-2	2,4-Dinitrotoluene	30100	U
100-02-7	4-Nitrophenol	75200	U
86-73-7	Fluorene	30100	U
7005-72-3	4-Chlorophenyl-phenylether	30100	U
84-66-2	Diethylphthalate	30100	U
100-01-6	4-Nitroaniline	30100	U
534-52-1	2-Methyl-4,6-dinitrophenol	150000	U
86-30-6	N-Nitrosodiphenylamine	30100	U
101-55-3	4-Bromophenyl-phenylether	30100	U
118-74-1	Hexachlorobenzene	30100	U
87-86-5	Pentachlorophenol	150000	U
85-01-8	Phenanthrene	30100	U
120-12-7	Anthracene	30100	U
84-74-2	Di-n-butylphthalate	30100	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718205 Lab File ID: 182-05.D

Sample wt/vol: 1.33 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2211

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	30100	U
129-00-0	Pyrene	30100	U
92-87-5	Benzidine	75600	U
85-68-7	Butylbenzylphthalate	30100	U
91-94-1	3,3'-Dichlorobenzidine	30100	U
56-55-3	Benzo(a)anthracene	30100	U
218-01-9	Chrysene	30100	U
117-81-7	bis(2-ethylhexyl)phthalate	30100	U
117-84-0	Di-n-octylphthalate	30100	U
205-99-2	Benzo(b)fluoranthene	30100	U
207-08-9	Benzo(k)fluoranthene	30100	U
50-32-8	Benzo(a)pyrene	30100	U
193-39-5	Indeno(1,2,3-cd)pyrene	30100	U
53-70-3	Dibenz(a,h)anthracene	30100	U
191-24-2	Benzo(g,h,i)perylene	30100	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206 Lab File ID: 182-06.D

Sample wt/vol: 1.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2241

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	33400	U
62-53-3	Aniline	33400	U
111-44-4	Bis(2-Chloroethyl)ether	33400	U
108-95-2	Phenol	31200	J
95-57-8	2-Chlorophenol	33400	U
541-73-1	1,3-Dichlorobenzene	33400	U
106-46-7	1,4-Dichlorobenzene	33400	U
95-50-1	1,2-Dichlorobenzene	33400	U
100-51-6	Benzyl alcohol	83400	U
108-60-1	2,2-Oxybis(1-chloropropane)	33800	U
95-48-7	2-Methylphenol (o-Cresol)	33400	U
67-72-1	Hexachloroethane	33800	U
621-64-7	N-Nitroso-di-n-propylamine	33400	U
106-44-5	4-Methylphenol	33400	U
98-95-3	Nitrobenzene	33400	U
78-59-1	Isophorone	33400	U
88-75-5	2-Nitrophenol	33400	U
105-67-9	2,4-Dimethylphenol	33400	U
65-85-0	Benzoic acid	3290000	E
111-91-1	Bis(2-Chloroethoxy)methane	33400	U
120-83-2	2,4-Dichlorophenol	33400	U
120-82-1	1,2,4-Trichlorobenzene	33400	U
91-20-3	Naphthalene	33400	U
106-47-8	4-Chloroaniline	33400	U
91-57-6	2-Methylnaphthalene	33400	U
87-68-3	Hexachlorobutadiene	33400	U
59-50-7	4-Chloro-3-methylphenol	33400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206 Lab File ID: 182-06.D

Sample wt/vol: 1.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2241

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	33400	U
77-47-4	Hexachlorocyclopentadiene	83400	U
88-06-2	2,4,6-Trichlorophenol	33400	U
95-95-4	2,4,5-Trichlorophenol	33400	U
91-58-7	2-Chloronaphthalene	33800	U
88-74-4	2-Nitroaniline	33400	U
208-96-8	Acenaphthylene	33400	U
131-11-3	Dimethyl-phthalate	33400	U
606-20-2	2,6-Dinitrotoluene	33400	U
83-32-9	Acenaphthene	33400	U
99-09-2	3-Nitroaniline	33400	U
51-28-5	2,4-Dinitrophenol	168000	U
132-64-9	Dibenzofuran	33400	U
121-14-2	2,4-Dinitrotoluene	33400	U
100-02-7	4-Nitrophenol	83400	U
86-73-7	Fluorene	33400	U
7005-72-3	4-Chlorophenyl-phenylether	33400	U
84-66-2	Diethylphthalate	33400	U
100-01-6	4-Nitroaniline	33400	U
534-52-1	2-Methyl-4,6-dinitrophenol	167000	U
86-30-6	N-Nitrosodiphenylamine	33400	U
101-55-3	4-Bromophenyl-phenylether	33400	U
118-74-1	Hexachlorobenzene	33400	U
87-86-5	Pentachlorophenol	167000	U
85-01-8	Phenanthrene	33400	U
120-12-7	Anthracene	33400	U
84-74-2	Di-n-butylphthalate	33400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206 Lab File ID: 182-06.D

Sample wt/vol: 1.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2241

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	33400	U
129-00-0	Pyrene	33400	U
92-87-5	Benzidine	83800	U
85-68-7	Butylbenzylphthalate	33400	U
91-94-1	3,3'-Dichlorobenzidine	33400	U
56-55-3	Benzo(a)anthracene	33400	U
218-01-9	Chrysene	33400	U
117-81-7	bis(2-ethylhexyl)phthalate	33400	U
117-84-0	Di-n-octylphthalate	33400	U
205-99-2	Benzo(b)fluoranthene	33400	U
207-08-9	Benzo(k)fluoranthene	33400	U
50-32-8	Benzo(a)pyrene	33400	U
193-39-5	Indeno(1,2,3-cd)pyrene	33400	U
53-70-3	Dibenz(a,h)anthracene	33400	U
191-24-2	Benzo(g,h,i)perylene	33400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T13DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206DL1 Lab File ID: 182-6D10.D

Sample wt/vol: 1.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1843

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	334000	U
62-53-3	Aniline	334000	U
111-44-4	Bis(2-Chloroethyl)ether	334000	U
108-95-2	Phenol	1670000	U
95-57-8	2-Chlorophenol	334000	U
541-73-1	1,3-Dichlorobenzene	334000	U
106-46-7	1,4-Dichlorobenzene	334000	U
95-50-1	1,2-Dichlorobenzene	334000	U
100-51-6	Benzyl alcohol	834000	U
108-60-1	2,2-Oxybis(1-chloropropane)	338000	U
95-48-7	2-Methylphenol (o-Cresol)	334000	U
67-72-1	Hexachloroethane	338000	U
621-64-7	N-Nitroso-di-n-propylamine	334000	U
106-44-5	4-Methylphenol	334000	U
98-95-3	Nitrobenzene	334000	U
78-59-1	Isophorone	334000	U
88-75-5	2-Nitrophenol	334000	U
105-67-9	2,4-Dimethylphenol	334000	U
65-85-0	Benzoic acid	3750000	
111-91-1	Bis(2-Chloroethoxy)methane	334000	U
120-83-2	2,4-Dichlorophenol	334000	U
120-82-1	1,2,4-Trichlorobenzene	334000	U
91-20-3	Naphthalene	334000	U
106-47-8	4-Chloroaniline	334000	U
91-57-6	2-Methylnaphthalene	334000	U
87-68-3	Hexachlorobutadiene	334000	U
59-50-7	4-Chloro-3-methylphenol	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T13DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206DL1 Lab File ID: 182-6D10.D

Sample wt/vol: 1.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1843

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	334000	U
77-47-4	Hexachlorocyclopentadiene	834000	U
88-06-2	2,4,6-Trichlorophenol	334000	U
95-95-4	2,4,5-Trichlorophenol	334000	U
91-58-7	2-Chloronaphthalene	338000	U
88-74-4	2-Nitroaniline	334000	U
208-96-8	Acenaphthylene	334000	U
131-11-3	Dimethyl-phthalate	334000	U
606-20-2	2,6-Dinitrotoluene	334000	U
83-32-9	Acenaphthene	334000	U
99-09-2	3-Nitroaniline	334000	U
51-28-5	2,4-Dinitrophenol	1680000	U
132-64-9	Dibenzofuran	334000	U
121-14-2	2,4-Dinitrotoluene	334000	U
100-02-7	4-Nitrophenol	834000	U
86-73-7	Fluorene	334000	U
7005-72-3	4-Chlorophenyl-phenylether	334000	U
84-66-2	Diethylphthalate	334000	U
100-01-6	4-Nitroaniline	334000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1670000	U
86-30-6	N-Nitrosodiphenylamine	334000	U
101-55-3	4-Bromophenyl-phenylether	334000	U
118-74-1	Hexachlorobenzene	334000	U
87-86-5	Pentachlorophenol	1670000	U
85-01-8	Phenanthrene	334000	U
120-12-7	Anthracene	334000	U
84-74-2	Di-n-butylphthalate	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T13DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206DL1 Lab File ID: 182-6D10.D

Sample wt/vol: 1.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1843

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	334000	U
129-00-0	Pyrene	334000	U
92-87-5	Benzidine	838000	U
85-68-7	Butylbenzylphthalate	334000	U
91-94-1	3,3'-Dichlorobenzidine	334000	U
56-55-3	Benzo(a)anthracene	334000	U
218-01-9	Chrysene	334000	U
117-81-7	bis(2-ethylhexyl)phthalate	334000	U
117-84-0	Di-n-octylphthalate	334000	U
205-99-2	Benzo(b)fluoranthene	334000	U
207-08-9	Benzo(k)fluoranthene	334000	U
50-32-8	Benzo(a)pyrene	334000	U
193-39-5	Indeno(1,2,3-cd)pyrene	334000	U
53-70-3	Dibenz(a,h)anthracene	334000	U
191-24-2	Benzo(g,h,i)perylene	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718207 Lab File ID: 182-07.D

Sample wt/vol: 1.4 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2310

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	28600	U
62-53-3	Aniline	28600	U
111-44-4	Bis(2-Chloroethyl)ether	28600	U
108-95-2	Phenol	62800	J
95-57-8	2-Chlorophenol	28600	U
541-73-1	1,3-Dichlorobenzene	28600	U
106-46-7	1,4-Dichlorobenzene	28600	U
95-50-1	1,2-Dichlorobenzene	28600	U
100-51-6	Benzyl alcohol	71500	U
108-60-1	2,2-Oxybis(1-chloropropane)	28900	U
95-48-7	2-Methylphenol (o-Cresol)	21300	J
67-72-1	Hexachloroethane	28900	U
621-64-7	N-Nitroso-di-n-propylamine	28600	U
106-44-5	4-Methylphenol	62500	
98-95-3	Nitrobenzene	28600	U
78-59-1	Isophorone	28600	U
88-75-5	2-Nitrophenol	28600	U
105-67-9	2,4-Dimethylphenol	12200	J
65-85-0	Benzoic acid	143000	U
111-91-1	Bis(2-Chloroethoxy)methane	28600	U
120-83-2	2,4-Dichlorophenol	28600	U
120-82-1	1,2,4-Trichlorobenzene	28600	U
91-20-3	Naphthalene	28600	U
106-47-8	4-Chloroaniline	28600	U
91-57-6	2-Methylnaphthalene	7470	J
87-68-3	Hexachlorobutadiene	28600	U
59-50-7	4-Chloro-3-methylphenol	28600	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718207 Lab File ID: 182-07.D

Sample wt/vol: 1.4 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2310

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	28600	U
77-47-4	Hexachlorocyclopentadiene	71500	U
88-06-2	2,4,6-Trichlorophenol	28600	U
95-95-4	2,4,5-Trichlorophenol	28600	U
91-58-7	2-Chloronaphthalene	28900	U
88-74-4	2-Nitroaniline	28600	U
208-96-8	Acenaphthylene	28600	U
131-11-3	Dimethyl-phthalate	28600	U
606-20-2	2,6-Dinitrotoluene	28600	U
83-32-9	Acenaphthene	28600	U
99-09-2	3-Nitroaniline	28600	U
51-28-5	2,4-Dinitrophenol	144000	U
132-64-9	Dibenzofuran	28600	U
121-14-2	2,4-Dinitrotoluene	28600	U
100-02-7	4-Nitrophenol	71500	U
86-73-7	Fluorene	28600	U
7005-72-3	4-Chlorophenyl-phenylether	28600	U
84-66-2	Diethylphthalate	28600	U
100-01-6	4-Nitroaniline	28600	U
534-52-1	2-Methyl-4,6-dinitrophenol	143000	U
86-30-6	N-Nitrosodiphenylamine	28600	U
101-55-3	4-Bromophenyl-phenylether	28600	U
118-74-1	Hexachlorobenzene	28600	U
87-86-5	Pentachlorophenol	143000	U
85-01-8	Phenanthrene	28600	U
120-12-7	Anthracene	28600	U
84-74-2	Di-n-butylphthalate	28600	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718207 Lab File ID: 182-07.D

Sample wt/vol: 1.4 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2310

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	28600	U
129-00-0	Pyrene	28600	U
92-87-5	Benzidine	71800	U
85-68-7	Butylbenzylphthalate	28600	U
91-94-1	3,3'-Dichlorobenzidine	28600	U
56-55-3	Benzo(a)anthracene	28600	U
218-01-9	Chrysene	28600	U
117-81-7	bis(2-ethylhexyl)phthalate	28600	U
117-84-0	Di-n-octylphthalate	28600	U
205-99-2	Benzo(b)fluoranthene	28600	U
207-08-9	Benzo(k)fluoranthene	28600	U
50-32-8	Benzo(a)pyrene	28600	U
193-39-5	Indeno(1,2,3-cd)pyrene	28600	U
53-70-3	Dibenz(a,h)anthracene	28600	U
191-24-2	Benzo(g,h,i)perylene	28600	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718208 Lab File ID: 182-08.D

Sample wt/vol: 1.24 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2340

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	32300	U
62-53-3	Aniline	32300	U
111-44-4	Bis(2-Chloroethyl)ether	32300	U
108-95-2	Phenol	31900	J
95-57-8	2-Chlorophenol	32300	U
541-73-1	1,3-Dichlorobenzene	32300	U
106-46-7	1,4-Dichlorobenzene	32300	U
95-50-1	1,2-Dichlorobenzene	32300	U
100-51-6	Benzyl alcohol	80700	U
108-60-1	2,2-Oxybis(1-chloropropane)	32700	U
95-48-7	2-Methylphenol (o-Cresol)	32300	U
67-72-1	Hexachloroethane	32700	U
621-64-7	N-Nitroso-di-n-propylamine	32300	U
106-44-5	4-Methylphenol	23700	J
98-95-3	Nitrobenzene	32300	U
78-59-1	Isophorone	32300	U
88-75-5	2-Nitrophenol	32300	U
105-67-9	2,4-Dimethylphenol	32300	U
65-85-0	Benzoic acid	161000	U
111-91-1	Bis(2-Chloroethoxy)methane	32300	U
120-83-2	2,4-Dichlorophenol	32300	U
120-82-1	1,2,4-Trichlorobenzene	32300	U
91-20-3	Naphthalene	32300	U
106-47-8	4-Chloroaniline	32300	U
91-57-6	2-Methylnaphthalene	32300	U
87-68-3	Hexachlorobutadiene	32300	U
59-50-7	4-Chloro-3-methylphenol	32300	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718208 Lab File ID: 182-08.D

Sample wt/vol: 1.24 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2340

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	32300	U
77-47-4	Hexachlorocyclopentadiene	80700	U
88-06-2	2,4,6-Trichlorophenol	32300	U
95-95-4	2,4,5-Trichlorophenol	32300	U
91-58-7	2-Chloronaphthalene	32700	U
88-74-4	2-Nitroaniline	32300	U
208-96-8	Acenaphthylene	32300	U
131-11-3	Dimethyl-phthalate	32300	U
606-20-2	2,6-Dinitrotoluene	32300	U
83-32-9	Acenaphthene	32300	U
99-09-2	3-Nitroaniline	32300	U
51-28-5	2,4-Dinitrophenol	162000	U
132-64-9	Dibenzofuran	32300	U
121-14-2	2,4-Dinitrotoluene	32300	U
100-02-7	4-Nitrophenol	80700	U
86-73-7	Fluorene	32300	U
7005-72-3	4-Chlorophenyl-phenylether	32300	U
84-66-2	Diethylphthalate	32300	U
100-01-6	4-Nitroaniline	32300	U
534-52-1	2-Methyl-4,6-dinitrophenol	161000	U
86-30-6	N-Nitrosodiphenylamine	32300	U
101-55-3	4-Bromophenyl-phenylether	32300	U
118-74-1	Hexachlorobenzene	32300	U
87-86-5	Pentachlorophenol	161000	U
85-01-8	Phenanthrene	32300	U
120-12-7	Anthracene	32300	U
84-74-2	Di-n-butylphthalate	32300	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718208 Lab File ID: 182-08.D

Sample wt/vol: 1.24 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2340

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	32300	U
129-00-0	Pyrene	32300	U
92-87-5	Benzidine	81000	U
85-68-7	Butylbenzylphthalate	32300	U
91-94-1	3,3'-Dichlorobenzidine	32300	U
56-55-3	Benzo(a)anthracene	32300	U
218-01-9	Chrysene	32300	U
117-81-7	bis(2-ethylhexyl)phthalate	32300	U
117-84-0	Di-n-octylphthalate	32300	U
205-99-2	Benzo(b)fluoranthene	32300	U
207-08-9	Benzo(k)fluoranthene	32300	U
50-32-8	Benzo(a)pyrene	32300	U
193-39-5	Indeno(1,2,3-cd)pyrene	32300	U
53-70-3	Dibenz(a,h)anthracene	32300	U
191-24-2	Benzo(g,h,i)perylene	32300	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718209 Lab File ID: 182-09.D

Sample wt/vol: 1.21 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0009

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	33100	U
62-53-3	Aniline	33100	U
111-44-4	Bis(2-Chloroethyl)ether	33100	U
108-95-2	Phenol	547000	
95-57-8	2-Chlorophenol	33100	U
541-73-1	1,3-Dichlorobenzene	33100	U
106-46-7	1,4-Dichlorobenzene	33100	U
95-50-1	1,2-Dichlorobenzene	33100	U
100-51-6	Benzyl alcohol	82700	U
108-60-1	2,2-Oxybis(1-chloropropane)	33500	U
95-48-7	2-Methylphenol (o-Cresol)	28500	J
67-72-1	Hexachloroethane	33500	U
621-64-7	N-Nitroso-di-n-propylamine	33100	U
106-44-5	4-Methylphenol	51600	
98-95-3	Nitrobenzene	33100	U
78-59-1	Isophorone	33100	U
88-75-5	2-Nitrophenol	33100	U
105-67-9	2,4-Dimethylphenol	8420	J
65-85-0	Benzoic acid	165000	U
111-91-1	Bis(2-Chloroethoxy)methane	33100	U
120-83-2	2,4-Dichlorophenol	33100	U
120-82-1	1,2,4-Trichlorobenzene	33100	U
91-20-3	Naphthalene	33100	U
106-47-8	4-Chloroaniline	33100	U
91-57-6	2-Methylnaphthalene	33100	U
87-68-3	Hexachlorobutadiene	33100	U
59-50-7	4-Chloro-3-methylphenol	10400	J

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718209 Lab File ID: 182-09.D

Sample wt/vol: 1.21 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0009

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	33100	U
77-47-4	Hexachlorocyclopentadiene	82700	U
88-06-2	2,4,6-Trichlorophenol	33100	U
95-95-4	2,4,5-Trichlorophenol	33100	U
91-58-7	2-Chloronaphthalene	33500	U
88-74-4	2-Nitroaniline	33100	U
208-96-8	Acenaphthylene	33100	U
131-11-3	Dimethyl-phthalate	33100	U
606-20-2	2,6-Dinitrotoluene	33100	U
83-32-9	Acenaphthene	33100	U
99-09-2	3-Nitroaniline	33100	U
51-28-5	2,4-Dinitrophenol	166000	U
132-64-9	Dibenzofuran	33100	U
121-14-2	2,4-Dinitrotoluene	33100	U
100-02-7	4-Nitrophenol	82700	U
86-73-7	Fluorene	33100	U
7005-72-3	4-Chlorophenyl-phenylether	33100	U
84-66-2	Diethylphthalate	33100	U
100-01-6	4-Nitroaniline	33100	U
534-52-1	2-Methyl-4,6-dinitrophenol	165000	U
86-30-6	N-Nitrosodiphenylamine	33100	U
101-55-3	4-Bromophenyl-phenylether	33100	U
118-74-1	Hexachlorobenzene	33100	U
87-86-5	Pentachlorophenol	165000	U
85-01-8	Phenanthrene	33100	U
120-12-7	Anthracene	33100	U
84-74-2	Di-n-butylphthalate	33100	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718209 Lab File ID: 182-09.D

Sample wt/vol: 1.21 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0009

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	33100	U
129-00-0	Pyrene	33100	U
92-87-5	Benzidine	83000	U
85-68-7	Butylbenzylphthalate	33100	U
91-94-1	3,3'-Dichlorobenzidine	33100	U
56-55-3	Benzo(a)anthracene	33100	U
218-01-9	Chrysene	33100	U
117-81-7	bis(2-ethylhexyl)phthalate	33100	U
117-84-0	Di-n-octylphthalate	33100	U
205-99-2	Benzo(b)fluoranthene	33100	U
207-08-9	Benzo(k)fluoranthene	33100	U
50-32-8	Benzo(a)pyrene	33100	U
193-39-5	Indeno(1,2,3-cd)pyrene	33100	U
53-70-3	Dibenz(a,h)anthracene	33100	U
191-24-2	Benzo(g,h,i)perylene	33100	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T16-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718210 Lab File ID: 182-10.D

Sample wt/vol: 1.19 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0038

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	33600	U
62-53-3	Aniline	33600	U
111-44-4	Bis(2-Chloroethyl)ether	33600	U
108-95-2	Phenol	538000	
95-57-8	2-Chlorophenol	33600	U
541-73-1	1,3-Dichlorobenzene	33600	U
106-46-7	1,4-Dichlorobenzene	33600	U
95-50-1	1,2-Dichlorobenzene	33600	U
100-51-6	Benzyl alcohol	84100	U
108-60-1	2,2-Oxybis(1-chloropropane)	34000	U
95-48-7	2-Methylphenol (o-Cresol)	26200	J
67-72-1	Hexachloroethane	34000	U
621-64-7	N-Nitroso-di-n-propylamine	33600	U
106-44-5	4-Methylphenol	43800	
98-95-3	Nitrobenzene	33600	U
78-59-1	Isophorone	33600	U
88-75-5	2-Nitrophenol	33600	U
105-67-9	2,4-Dimethylphenol	8270	J
65-85-0	Benzoic acid	168000	U
111-91-1	Bis(2-Chloroethoxy)methane	33600	U
120-83-2	2,4-Dichlorophenol	33600	U
120-82-1	1,2,4-Trichlorobenzene	33600	U
91-20-3	Naphthalene	33600	U
106-47-8	4-Chloroaniline	33600	U
91-57-6	2-Methylnaphthalene	33600	U
87-68-3	Hexachlorobutadiene	33600	U
59-50-7	4-Chloro-3-methylphenol	9410	J

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T16-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718210 Lab File ID: 182-10.D

Sample wt/vol: 1.19 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0038

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	33600	U
77-47-4	Hexachlorocyclopentadiene	84100	U
88-06-2	2,4,6-Trichlorophenol	33600	U
95-95-4	2,4,5-Trichlorophenol	33600	U
91-58-7	2-Chloronaphthalene	34000	U
88-74-4	2-Nitroaniline	33600	U
208-96-8	Acenaphthylene	33600	U
131-11-3	Dimethyl-phthalate	33600	U
606-20-2	2,6-Dinitrotoluene	33600	U
83-32-9	Acenaphthene	33600	U
99-09-2	3-Nitroaniline	33600	U
51-28-5	2,4-Dinitrophenol	169000	U
132-64-9	Dibenzofuran	33600	U
121-14-2	2,4-Dinitrotoluene	33600	U
100-02-7	4-Nitrophenol	84100	U
86-73-7	Fluorene	33600	U
7005-72-3	4-Chlorophenyl-phenylether	33600	U
84-66-2	Diethylphthalate	33600	U
100-01-6	4-Nitroaniline	33600	U
534-52-1	2-Methyl-4,6-dinitrophenol	168000	U
86-30-6	N-Nitrosodiphenylamine	33600	U
101-55-3	4-Bromophenyl-phenylether	33600	U
118-74-1	Hexachlorobenzene	33600	U
87-86-5	Pentachlorophenol	168000	U
85-01-8	Phenanthrene	33600	U
120-12-7	Anthracene	33600	U
84-74-2	Di-n-butylphthalate	33600	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T16-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718210 Lab File ID: 182-10.D

Sample wt/vol: 1.19 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0038

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	33600	U
129-00-0	Pyrene	33600	U
92-87-5	Benzidine	84400	U
85-68-7	Butylbenzylphthalate	33600	U
91-94-1	3,3'-Dichlorobenzidine	33600	U
56-55-3	Benzo(a)anthracene	33600	U
218-01-9	Chrysene	33600	U
117-81-7	bis(2-ethylhexyl)phthalate	33600	U
117-84-0	Di-n-octylphthalate	33600	U
205-99-2	Benzo(b)fluoranthene	33600	U
207-08-9	Benzo(k)fluoranthene	33600	U
50-32-8	Benzo(a)pyrene	33600	U
193-39-5	Indeno(1,2,3-cd)pyrene	33600	U
53-70-3	Dibenz(a,h)anthracene	33600	U
191-24-2	Benzo(g,h,i)perylene	33600	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718213 Lab File ID: 182-13.D

Sample wt/vol: 1.25 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0207

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	32000	U
62-53-3	Aniline	32000	U
111-44-4	Bis(2-Chloroethyl)ether	32000	U
108-95-2	Phenol	24700	J
95-57-8	2-Chlorophenol	32000	U
541-73-1	1,3-Dichlorobenzene	32000	U
106-46-7	1,4-Dichlorobenzene	32000	U
95-50-1	1,2-Dichlorobenzene	32000	U
100-51-6	Benzyl alcohol	80000	U
108-60-1	2,2-Oxybis(1-chloropropane)	32400	U
95-48-7	2-Methylphenol (o-Cresol)	32000	U
67-72-1	Hexachloroethane	32400	U
621-64-7	N-Nitroso-di-n-propylamine	32000	U
106-44-5	4-Methylphenol	49400	
98-95-3	Nitrobenzene	32000	U
78-59-1	Isophorone	32000	U
88-75-5	2-Nitrophenol	32000	U
105-67-9	2,4-Dimethylphenol	32000	U
65-85-0	Benzoic acid	160000	U
111-91-1	Bis(2-Chloroethoxy)methane	32000	U
120-83-2	2,4-Dichlorophenol	32000	U
120-82-1	1,2,4-Trichlorobenzene	32000	U
91-20-3	Naphthalene	32000	U
106-47-8	4-Chloroaniline	32000	U
91-57-6	2-Methylnaphthalene	32000	U
87-68-3	Hexachlorobutadiene	32000	U
59-50-7	4-Chloro-3-methylphenol	18600	J

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718213 Lab File ID: 182-13.D

Sample wt/vol: 1.25 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0207

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	32000	U
77-47-4	Hexachlorocyclopentadiene	80000	U
88-06-2	2,4,6-Trichlorophenol	32000	U
95-95-4	2,4,5-Trichlorophenol	32000	U
91-58-7	2-Chloronaphthalene	32400	U
88-74-4	2-Nitroaniline	32000	U
208-96-8	Acenaphthylene	32000	U
131-11-3	Dimethyl-phthalate	32000	U
606-20-2	2,6-Dinitrotoluene	32000	U
83-32-9	Acenaphthene	32000	U
99-09-2	3-Nitroaniline	32000	U
51-28-5	2,4-Dinitrophenol	161000	U
132-64-9	Dibenzofuran	32000	U
121-14-2	2,4-Dinitrotoluene	32000	U
100-02-7	4-Nitrophenol	80000	U
86-73-7	Fluorene	32000	U
7005-72-3	4-Chlorophenyl-phenylether	32000	U
84-66-2	Diethylphthalate	32000	U
100-01-6	4-Nitroaniline	32000	U
534-52-1	2-Methyl-4,6-dinitrophenol	160000	U
86-30-6	N-Nitrosodiphenylamine	32000	U
101-55-3	4-Bromophenyl-phenylether	32000	U
118-74-1	Hexachlorobenzene	32000	U
87-86-5	Pentachlorophenol	160000	U
85-01-8	Phenanthrene	32000	U
120-12-7	Anthracene	32000	U
84-74-2	Di-n-butylphthalate	32000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718213 Lab File ID: 182-13.D

Sample wt/vol: 1.25 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0207

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	32000	U
129-00-0	Pyrene	32000	U
92-87-5	Benzidine	80400	U
85-68-7	Butylbenzylphthalate	32000	U
91-94-1	3,3'-Dichlorobenzidine	32000	U
56-55-3	Benzo(a)anthracene	32000	U
218-01-9	Chrysene	32000	U
117-81-7	bis(2-ethylhexyl)phthalate	32000	U
117-84-0	Di-n-octylphthalate	32000	U
205-99-2	Benzo(b)fluoranthene	32000	U
207-08-9	Benzo(k)fluoranthene	32000	U
50-32-8	Benzo(a)pyrene	32000	U
193-39-5	Indeno(1,2,3-cd)pyrene	32000	U
53-70-3	Dibenz(a,h)anthracene	32000	U
191-24-2	Benzo(g,h,i)perylene	32000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718214 Lab File ID: 182-14.D

Sample wt/vol: 1.25 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0236

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	32000	U
62-53-3	Aniline	32000	U
111-44-4	Bis(2-Chloroethyl)ether	32000	U
108-95-2	Phenol	350000	
95-57-8	2-Chlorophenol	32000	U
541-73-1	1,3-Dichlorobenzene	32000	U
106-46-7	1,4-Dichlorobenzene	32000	U
95-50-1	1,2-Dichlorobenzene	32000	U
100-51-6	Benzyl alcohol	80000	U
108-60-1	2,2-Oxybis(1-chloropropane)	32400	U
95-48-7	2-Methylphenol (o-Cresol)	32000	U
67-72-1	Hexachloroethane	32400	U
621-64-7	N-Nitroso-di-n-propylamine	32000	U
106-44-5	4-Methylphenol	32400	
98-95-3	Nitrobenzene	32000	U
78-59-1	Isophorone	32000	U
88-75-5	2-Nitrophenol	32000	U
105-67-9	2,4-Dimethylphenol	32000	U
65-85-0	Benzoic acid	160000	U
111-91-1	Bis(2-Chloroethoxy)methane	32000	U
120-83-2	2,4-Dichlorophenol	32000	U
120-82-1	1,2,4-Trichlorobenzene	32000	U
91-20-3	Naphthalene	32000	U
106-47-8	4-Chloroaniline	32000	U
91-57-6	2-Methylnaphthalene	11100	J
87-68-3	Hexachlorobutadiene	32000	U
59-50-7	4-Chloro-3-methylphenol	32000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718214 Lab File ID: 182-14.D

Sample wt/vol: 1.25 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0236

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	32000	U
77-47-4	Hexachlorocyclopentadiene	80000	U
88-06-2	2,4,6-Trichlorophenol	32000	U
95-95-4	2,4,5-Trichlorophenol	32000	U
91-58-7	2-Chloronaphthalene	32400	U
88-74-4	2-Nitroaniline	32000	U
208-96-8	Acenaphthylene	32000	U
131-11-3	Dimethyl-phthalate	32000	U
606-20-2	2,6-Dinitrotoluene	32000	U
83-32-9	Acenaphthene	32000	U
99-09-2	3-Nitroaniline	32000	U
51-28-5	2,4-Dinitrophenol	161000	U
132-64-9	Dibenzofuran	32000	U
121-14-2	2,4-Dinitrotoluene	32000	U
100-02-7	4-Nitrophenol	80000	U
86-73-7	Fluorene	32000	U
7005-72-3	4-Chlorophenyl-phenylether	32000	U
84-66-2	Diethylphthalate	32000	U
100-01-6	4-Nitroaniline	32000	U
534-52-1	2-Methyl-4,6-dinitrophenol	160000	U
86-30-6	N-Nitrosodiphenylamine	32000	U
101-55-3	4-Bromophenyl-phenylether	32000	U
118-74-1	Hexachlorobenzene	32000	U
87-86-5	Pentachlorophenol	160000	U
85-01-8	Phenanthrene	32000	U
120-12-7	Anthracene	32000	U
84-74-2	Di-n-butylphthalate	32000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718214 Lab File ID: 182-14.D

Sample wt/vol: 1.25 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0236

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	32000	U
129-00-0	Pyrene	32000	U
92-87-5	Benzidine	80400	U
85-68-7	Butylbenzylphthalate	32000	U
91-94-1	3,3'-Dichlorobenzidine	32000	U
56-55-3	Benzo(a)anthracene	32000	U
218-01-9	Chrysene	32000	U
117-81-7	bis(2-ethylhexyl)phthalate	32000	U
117-84-0	Di-n-octylphthalate	32000	U
205-99-2	Benzo(b)fluoranthene	32000	U
207-08-9	Benzo(k)fluoranthene	32000	U
50-32-8	Benzo(a)pyrene	32000	U
193-39-5	Indeno(1,2,3-cd)pyrene	32000	U
53-70-3	Dibenz(a,h)anthracene	32000	U
191-24-2	Benzo(g,h,i)perylene	32000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718215 Lab File ID: 182-15.D

Sample wt/vol: 1.05 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0305

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	38100	U
62-53-3	Aniline	38100	U
111-44-4	Bis(2-Chloroethyl)ether	38100	U
108-95-2	Phenol	23600	J
95-57-8	2-Chlorophenol	38100	U
541-73-1	1,3-Dichlorobenzene	38100	U
106-46-7	1,4-Dichlorobenzene	38100	U
95-50-1	1,2-Dichlorobenzene	38100	U
100-51-6	Benzyl alcohol	95300	U
108-60-1	2,2-Oxybis(1-chloropropane)	38600	U
95-48-7	2-Methylphenol (o-Cresol)	38100	U
67-72-1	Hexachloroethane	38600	U
621-64-7	N-Nitroso-di-n-propylamine	38100	U
106-44-5	4-Methylphenol	38100	U
98-95-3	Nitrobenzene	38100	U
78-59-1	Isophorone	38100	U
88-75-5	2-Nitrophenol	38100	U
105-67-9	2,4-Dimethylphenol	38100	U
65-85-0	Benzoic acid	190000	U
111-91-1	Bis(2-Chloroethoxy)methane	38100	U
120-83-2	2,4-Dichlorophenol	38100	U
120-82-1	1,2,4-Trichlorobenzene	38100	U
91-20-3	Naphthalene	12100	J
106-47-8	4-Chloroaniline	38100	U
91-57-6	2-Methylnaphthalene	68800	
87-68-3	Hexachlorobutadiene	38100	U
59-50-7	4-Chloro-3-methylphenol	38100	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718215 Lab File ID: 182-15.D

Sample wt/vol: 1.05 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0305

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	39100	
77-47-4	Hexachlorocyclopentadiene	95300	U
88-06-2	2,4,6-Trichlorophenol	38100	U
95-95-4	2,4,5-Trichlorophenol	38100	U
91-58-7	2-Chloronaphthalene	38600	U
88-74-4	2-Nitroaniline	38100	U
208-96-8	Acenaphthylene	38100	U
131-11-3	Dimethyl-phthalate	38100	U
606-20-2	2,6-Dinitrotoluene	38100	U
83-32-9	Acenaphthene	38100	U
99-09-2	3-Nitroaniline	38100	U
51-28-5	2,4-Dinitrophenol	191000	U
132-64-9	Dibenzofuran	38100	U
121-14-2	2,4-Dinitrotoluene	38100	U
100-02-7	4-Nitrophenol	95300	U
86-73-7	Fluorene	38100	U
7005-72-3	4-Chlorophenyl-phenylether	38100	U
84-66-2	Diethylphthalate	38100	U
100-01-6	4-Nitroaniline	38100	U
534-52-1	2-Methyl-4,6-dinitrophenol	190000	U
86-30-6	N-Nitrosodiphenylamine	39800	
101-55-3	4-Bromophenyl-phenylether	38100	U
118-74-1	Hexachlorobenzene	38100	U
87-86-5	Pentachlorophenol	190000	U
85-01-8	Phenanthrene	38100	U
120-12-7	Anthracene	38100	U
84-74-2	Di-n-butylphthalate	38100	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718215 Lab File ID: 182-15.D

Sample wt/vol: 1.05 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0305

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	38100	U
129-00-0	Pyrene	38100	U
92-87-5	Benzidine	95700	U
85-68-7	Butylbenzylphthalate	38100	U
91-94-1	3,3'-Dichlorobenzidine	38100	U
56-55-3	Benzo(a)anthracene	38100	U
218-01-9	Chrysene	38100	U
117-81-7	bis(2-ethylhexyl)phthalate	432000	
117-84-0	Di-n-octylphthalate	38100	U
205-99-2	Benzo(b)fluoranthene	38100	U
207-08-9	Benzo(k)fluoranthene	38100	U
50-32-8	Benzo(a)pyrene	38100	U
193-39-5	Indeno(1,2,3-cd)pyrene	38100	U
53-70-3	Dibenz(a,h)anthracene	38100	U
191-24-2	Benzo(g,h,i)perylene	38100	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718216 Lab File ID: 182-16.D

Sample wt/vol: 1.17 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0335

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	34200	U
62-53-3	Aniline	34200	U
111-44-4	Bis(2-Chloroethyl)ether	34200	U
108-95-2	Phenol	59400	J
95-57-8	2-Chlorophenol	34200	U
541-73-1	1,3-Dichlorobenzene	34200	U
106-46-7	1,4-Dichlorobenzene	34200	U
95-50-1	1,2-Dichlorobenzene	34200	U
100-51-6	Benzyl alcohol	85500	U
108-60-1	2,2-Oxybis(1-chloropropane)	34600	U
95-48-7	2-Methylphenol (o-Cresol)	34200	U
67-72-1	Hexachloroethane	34600	U
621-64-7	N-Nitroso-di-n-propylamine	34200	U
106-44-5	4-Methylphenol	34200	U
98-95-3	Nitrobenzene	34200	U
78-59-1	Isophorone	34200	U
88-75-5	2-Nitrophenol	34200	U
105-67-9	2,4-Dimethylphenol	34200	U
65-85-0	Benzoic acid	171000	U
111-91-1	Bis(2-Chloroethoxy)methane	34200	U
120-83-2	2,4-Dichlorophenol	34200	U
120-82-1	1,2,4-Trichlorobenzene	34200	U
91-20-3	Naphthalene	34200	U
106-47-8	4-Chloroaniline	34200	U
91-57-6	2-Methylnaphthalene	34200	U
87-68-3	Hexachlorobutadiene	34200	U
59-50-7	4-Chloro-3-methylphenol	34200	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718216 Lab File ID: 182-16.D

Sample wt/vol: 1.17 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0335

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	34200	U
77-47-4	Hexachlorocyclopentadiene	85500	U
88-06-2	2,4,6-Trichlorophenol	34200	U
95-95-4	2,4,5-Trichlorophenol	34200	U
91-58-7	2-Chloronaphthalene	34600	U
88-74-4	2-Nitroaniline	34200	U
208-96-8	Acenaphthylene	34200	U
131-11-3	Dimethyl-phthalate	34200	U
606-20-2	2,6-Dinitrotoluene	34200	U
83-32-9	Acenaphthene	34200	U
99-09-2	3-Nitroaniline	34200	U
51-28-5	2,4-Dinitrophenol	172000	U
132-64-9	Dibenzofuran	34200	U
121-14-2	2,4-Dinitrotoluene	34200	U
100-02-7	4-Nitrophenol	85500	U
86-73-7	Fluorene	34200	U
7005-72-3	4-Chlorophenyl-phenylether	34200	U
84-66-2	Diethylphthalate	34200	U
100-01-6	4-Nitroaniline	34200	U
534-52-1	2-Methyl-4,6-dinitrophenol	171000	U
86-30-6	N-Nitrosodiphenylamine	34200	U
101-55-3	4-Bromophenyl-phenylether	34200	U
118-74-1	Hexachlorobenzene	34200	U
87-86-5	Pentachlorophenol	171000	U
85-01-8	Phenanthrene	34200	U
120-12-7	Anthracene	34200	U
84-74-2	Di-n-butylphthalate	34200	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718216 Lab File ID: 182-16.D

Sample wt/vol: 1.17 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0335

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	34200	U
129-00-0	Pyrene	34200	U
92-87-5	Benzidine	85900	U
85-68-7	Butylbenzylphthalate	34200	U
91-94-1	3,3'-Dichlorobenzidine	34200	U
56-55-3	Benzo(a)anthracene	34200	U
218-01-9	Chrysene	34200	U
117-81-7	bis(2-ethylhexyl)phthalate	34200	U
117-84-0	Di-n-octylphthalate	34200	U
205-99-2	Benzo(b)fluoranthene	34200	U
207-08-9	Benzo(k)fluoranthene	34200	U
50-32-8	Benzo(a)pyrene	34200	U
193-39-5	Indeno(1,2,3-cd)pyrene	34200	U
53-70-3	Dibenz(a,h)anthracene	34200	U
191-24-2	Benzo(g,h,i)perylene	34200	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-CARBON1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718217 Lab File ID: 182-17.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0404

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	38500	U
62-53-3	Aniline	38500	U
111-44-4	Bis(2-Chloroethyl)ether	38500	U
108-95-2	Phenol	736000	
95-57-8	2-Chlorophenol	38500	U
541-73-1	1,3-Dichlorobenzene	38500	U
106-46-7	1,4-Dichlorobenzene	38500	U
95-50-1	1,2-Dichlorobenzene	38500	U
100-51-6	Benzyl alcohol	96200	U
108-60-1	2,2-Oxybis(1-chloropropane)	38900	U
95-48-7	2-Methylphenol (o-Cresol)	36400	J
67-72-1	Hexachloroethane	38900	U
621-64-7	N-Nitroso-di-n-propylamine	38500	U
106-44-5	4-Methylphenol	161000	
98-95-3	Nitrobenzene	38500	U
78-59-1	Isophorone	38500	U
88-75-5	2-Nitrophenol	38500	U
105-67-9	2,4-Dimethylphenol	42900	
65-85-0	Benzoic acid	192000	U
111-91-1	Bis(2-Chloroethoxy)methane	38500	U
120-83-2	2,4-Dichlorophenol	38500	U
120-82-1	1,2,4-Trichlorobenzene	38500	U
91-20-3	Naphthalene	38500	U
106-47-8	4-Chloroaniline	38500	U
91-57-6	2-Methylnaphthalene	6220	J
87-68-3	Hexachlorobutadiene	38500	U
59-50-7	4-Chloro-3-methylphenol	74200	

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-CARBON1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718217 Lab File ID: 182-17.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0404

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	38500	U
77-47-4	Hexachlorocyclopentadiene	96200	U
88-06-2	2,4,6-Trichlorophenol	38500	U
95-95-4	2,4,5-Trichlorophenol	38500	U
91-58-7	2-Chloronaphthalene	38900	U
88-74-4	2-Nitroaniline	38500	U
208-96-8	Acenaphthylene	38500	U
131-11-3	Dimethyl-phthalate	38500	U
606-20-2	2,6-Dinitrotoluene	38500	U
83-32-9	Acenaphthene	38500	U
99-09-2	3-Nitroaniline	38500	U
51-28-5	2,4-Dinitrophenol	193000	U
132-64-9	Dibenzofuran	38500	U
121-14-2	2,4-Dinitrotoluene	38500	U
100-02-7	4-Nitrophenol	96200	U
86-73-7	Fluorene	38500	U
7005-72-3	4-Chlorophenyl-phenylether	38500	U
84-66-2	Diethylphthalate	38500	U
100-01-6	4-Nitroaniline	38500	U
534-52-1	2-Methyl-4,6-dinitrophenol	192000	U
86-30-6	N-Nitrosodiphenylamine	11500	J
101-55-3	4-Bromophenyl-phenylether	38500	U
118-74-1	Hexachlorobenzene	38500	U
87-86-5	Pentachlorophenol	192000	U
85-01-8	Phenanthrene	38500	U
120-12-7	Anthracene	38500	U
84-74-2	Di-n-butylphthalate	38500	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-CARBON1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718217 Lab File ID: 182-17.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0404

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	38500	U
129-00-0	Pyrene	38500	U
92-87-5	Benzidine	96600	U
85-68-7	Butylbenzylphthalate	38500	U
91-94-1	3,3'-Dichlorobenzidine	38500	U
56-55-3	Benzo(a)anthracene	38500	U
218-01-9	Chrysene	38500	U
117-81-7	bis(2-ethylhexyl)phthalate	38500	U
117-84-0	Di-n-octylphthalate	38500	U
205-99-2	Benzo(b)fluoranthene	38500	U
207-08-9	Benzo(k)fluoranthene	38500	U
50-32-8	Benzo(a)pyrene	38500	U
193-39-5	Indeno(1,2,3-cd)pyrene	38500	U
53-70-3	Dibenz(a,h)anthracene	38500	U
191-24-2	Benzo(g,h,i)perylene	38500	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218 Lab File ID: 182-18.D

Sample wt/vol: 1.37 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0433

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	29200	U
62-53-3	Aniline	29200	U
111-44-4	Bis(2-Chloroethyl)ether	29200	U
108-95-2	Phenol	996000	E
95-57-8	2-Chlorophenol	29200	U
541-73-1	1,3-Dichlorobenzene	29200	U
106-46-7	1,4-Dichlorobenzene	29200	U
95-50-1	1,2-Dichlorobenzene	29200	U
100-51-6	Benzyl alcohol	73000	U
108-60-1	2,2-Oxybis(1-chloropropane)	29600	U
95-48-7	2-Methylphenol (o-Cresol)	47300	
67-72-1	Hexachloroethane	29600	U
621-64-7	N-Nitroso-di-n-propylamine	29200	U
106-44-5	4-Methylphenol	48900	
98-95-3	Nitrobenzene	29200	U
78-59-1	Isophorone	29200	U
88-75-5	2-Nitrophenol	29200	U
105-67-9	2,4-Dimethylphenol	8320	J
65-85-0	Benzoic acid	146000	U
111-91-1	Bis(2-Chloroethoxy)methane	29200	U
120-83-2	2,4-Dichlorophenol	29200	U
120-82-1	1,2,4-Trichlorobenzene	29200	U
91-20-3	Naphthalene	29200	U
106-47-8	4-Chloroaniline	29200	U
91-57-6	2-Methylnaphthalene	29200	U
87-68-3	Hexachlorobutadiene	29200	U
59-50-7	4-Chloro-3-methylphenol	11500	J

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218 Lab File ID: 182-18.D

Sample wt/vol: 1.37 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0433

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	29200	U
77-47-4	Hexachlorocyclopentadiene	73000	U
88-06-2	2,4,6-Trichlorophenol	29200	U
95-95-4	2,4,5-Trichlorophenol	29200	U
91-58-7	2-Chloronaphthalene	29600	U
88-74-4	2-Nitroaniline	29200	U
208-96-8	Acenaphthylene	29200	U
131-11-3	Dimethyl-phthalate	29200	U
606-20-2	2,6-Dinitrotoluene	29200	U
83-32-9	Acenaphthene	29200	U
99-09-2	3-Nitroaniline	29200	U
51-28-5	2,4-Dinitrophenol	147000	U
132-64-9	Dibenzofuran	29200	U
121-14-2	2,4-Dinitrotoluene	29200	U
100-02-7	4-Nitrophenol	73000	U
86-73-7	Fluorene	29200	U
7005-72-3	4-Chlorophenyl-phenylether	29200	U
84-66-2	Diethylphthalate	29200	U
100-01-6	4-Nitroaniline	29200	U
534-52-1	2-Methyl-4,6-dinitrophenol	146000	U
86-30-6	N-Nitrosodiphenylamine	29200	U
101-55-3	4-Bromophenyl-phenylether	29200	U
118-74-1	Hexachlorobenzene	29200	U
87-86-5	Pentachlorophenol	146000	U
85-01-8	Phenanthrene	29200	U
120-12-7	Anthracene	29200	U
84-74-2	Di-n-butylphthalate	29200	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218 Lab File ID: 182-18.D

Sample wt/vol: 1.37 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0433

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	29200	U
129-00-0	Pyrene	29200	U
92-87-5	Benzidine	73400	U
85-68-7	Butylbenzylphthalate	29200	U
91-94-1	3,3'-Dichlorobenzidine	29200	U
56-55-3	Benzo(a)anthracene	29200	U
218-01-9	Chrysene	29200	U
117-81-7	bis(2-ethylhexyl)phthalate	29200	U
117-84-0	Di-n-octylphthalate	29200	U
205-99-2	Benzo(b)fluoranthene	29200	U
207-08-9	Benzo(k)fluoranthene	29200	U
50-32-8	Benzo(a)pyrene	29200	U
193-39-5	Indeno(1,2,3-cd)pyrene	29200	U
53-70-3	Dibenz(a,h)anthracene	29200	U
191-24-2	Benzo(g,h,i)perylene	29200	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T25DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218DL1 Lab File ID: 182-18D5.D

Sample wt/vol: 1.37 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1624

PercentSolids: 100 decanted : Dilution Factor: 5

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	146000	U
62-53-3	Aniline	146000	U
111-44-4	Bis(2-Chloroethyl)ether	146000	U
108-95-2	Phenol	938000	
95-57-8	2-Chlorophenol	146000	U
541-73-1	1,3-Dichlorobenzene	146000	U
106-46-7	1,4-Dichlorobenzene	146000	U
95-50-1	1,2-Dichlorobenzene	146000	U
100-51-6	Benzyl alcohol	365000	U
108-60-1	2,2-Oxybis(1-chloropropane)	148000	U
95-48-7	2-Methylphenol (o-Cresol)	146000	U
67-72-1	Hexachloroethane	148000	U
621-64-7	N-Nitroso-di-n-propylamine	146000	U
106-44-5	4-Methylphenol	41700	J
98-95-3	Nitrobenzene	146000	U
78-59-1	Isophorone	146000	U
88-75-5	2-Nitrophenol	146000	U
105-67-9	2,4-Dimethylphenol	146000	U
65-85-0	Benzoic acid	730000	U
111-91-1	Bis(2-Chloroethoxy)methane	146000	U
120-83-2	2,4-Dichlorophenol	146000	U
120-82-1	1,2,4-Trichlorobenzene	146000	U
91-20-3	Naphthalene	146000	U
106-47-8	4-Chloroaniline	146000	U
91-57-6	2-Methylnaphthalene	146000	U
87-68-3	Hexachlorobutadiene	146000	U
59-50-7	4-Chloro-3-methylphenol	146000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T25DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218DL1 Lab File ID: 182-18D5.D

Sample wt/vol: 1.37 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1624

PercentSolids: 100 decanted : Dilution Factor: 5

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	146000	U
77-47-4	Hexachlorocyclopentadiene	365000	U
88-06-2	2,4,6-Trichlorophenol	146000	U
95-95-4	2,4,5-Trichlorophenol	146000	U
91-58-7	2-Chloronaphthalene	148000	U
88-74-4	2-Nitroaniline	146000	U
208-96-8	Acenaphthylene	146000	U
131-11-3	Dimethyl-phthalate	146000	U
606-20-2	2,6-Dinitrotoluene	146000	U
83-32-9	Acenaphthene	146000	U
99-09-2	3-Nitroaniline	146000	U
51-28-5	2,4-Dinitrophenol	734000	U
132-64-9	Dibenzofuran	146000	U
121-14-2	2,4-Dinitrotoluene	146000	U
100-02-7	4-Nitrophenol	365000	U
86-73-7	Fluorene	146000	U
7005-72-3	4-Chlorophenyl-phenylether	146000	U
84-66-2	Diethylphthalate	146000	U
100-01-6	4-Nitroaniline	146000	U
534-52-1	2-Methyl-4,6-dinitrophenol	730000	U
86-30-6	N-Nitrosodiphenylamine	146000	U
101-55-3	4-Bromophenyl-phenylether	146000	U
118-74-1	Hexachlorobenzene	146000	U
87-86-5	Pentachlorophenol	730000	U
85-01-8	Phenanthrene	146000	U
120-12-7	Anthracene	146000	U
84-74-2	Di-n-butylphthalate	146000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T25DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218DL1 Lab File ID: 182-18D5.D

Sample wt/vol: 1.37 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1624

PercentSolids: 100 decanted : Dilution Factor: 5

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	146000	U
129-00-0	Pyrene	146000	U
92-87-5	Benzidine	367000	U
85-68-7	Butylbenzylphthalate	146000	U
91-94-1	3,3'-Dichlorobenzidine	146000	U
56-55-3	Benzo(a)anthracene	146000	U
218-01-9	Chrysene	146000	U
117-81-7	bis(2-ethylhexyl)phthalate	146000	U
117-84-0	Di-n-octylphthalate	146000	U
205-99-2	Benzo(b)fluoranthene	146000	U
207-08-9	Benzo(k)fluoranthene	146000	U
50-32-8	Benzo(a)pyrene	146000	U
193-39-5	Indeno(1,2,3-cd)pyrene	146000	U
53-70-3	Dibenz(a,h)anthracene	146000	U
191-24-2	Benzo(g,h,i)perylene	146000	U

QC Summary

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3202BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 246044 Lab File ID: 3202BLK.D

Sample wt/vol: 1 Units: G Date Received: 07/18/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1914

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3202BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 246044 Lab File ID: 3202BLK.D

Sample wt/vol: 1 Units: G Date Received: 07/18/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1914

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3202BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 246044 Lab File ID: 3202BLK.D

Sample wt/vol: 1 Units: G Date Received: 07/18/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1914

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3202LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	80000	39100	48.9		30.0	48 - 115
Aniline	40000	34600	86.5		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	34800	87.0		30.0	61 - 105
Phenol	40000	36000	90.0		23.0	46 - 100
2-Chlorophenol	40000	35100	87.8		24.0	54 - 105
1,3-Dichlorobenzene	40000	37000	92.5		26.0	67 - 100
1,4-Dichlorobenzene	40000	35700	89.2		27.0	62 - 105
1,2-Dichlorobenzene	40000	35000	87.5		30.0	65 - 95
Benzyl alcohol	40000	31000	77.5		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	35900	89.8		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	31800	79.5		30.0	58 - 105
Hexachloroethane	40000	34400	86.0		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	35000	87.5		28.0	59 - 115
4-Methylphenol	40000	31200	78.0		26.0	57 - 105
Nitrobenzene	40000	38400	96.0		27.0	71 - 115
Isophorone	40000	32800	82.0		30.0	69 - 110
2-Nitrophenol	40000	33900	84.8		20.0	61 - 110
2,4-Dimethylphenol	40000	37800	94.5		30.0	65 - 105
Benzoic acid	40000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	30700	76.8		30.0	70 - 110
2,4-Dichlorophenol	40000	35700	89.2		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	37300	93.2		29.0	71 - 110
Naphthalene	40000	35800	89.5		23.0	67 - 105
4-Chloroaniline	40000	35000	87.5		30.0	57 - 95
2-Methylnaphthalene	40000	39300	98.2		22.0	72 - 105
Hexachlorobutadiene	40000	36700	91.8		27.0	79 - 115
4-Chloro-3-methylphenol	40000	31400	78.5		30.0	62 - 115
1-Methylnaphthalene	40000	39900	99.8		25.0	67 - 145
Hexachlorocyclopentadiene	40000	29000	72.5		44.0	34 - 139
2,4,6-Trichlorophenol	40000	33300	83.2		30.0	62 - 110
2,4,5-Trichlorophenol	40000	30200	75.5		29.0	61 - 110
2-Chloronaphthalene	40000	37400	93.5		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3202LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	30600	76.5		23.0	71 - 120
Acenaphthylene	40000	33700	84.2		21.0	66 - 105
Dimethyl-phthalate	40000	36200	90.5		30.0	69 - 110
2,6-Dinitrotoluene	40000	30600	76.5		30.0	73 - 110
Acenaphthene	40000	32600	81.5		28.0	65 - 110
3-Nitroaniline	40000	30300	75.8 *		30.0	76 - 110
2,4-Dinitrophenol	40000	0	0.0 *		30.0	29 - 130
Dibenzofuran	40000	38800	97.0		28.0	75 - 105
2,4-Dinitrotoluene	40000	32600	81.5		29.0	77 - 115
4-Nitrophenol	40000	23200	58.0		30.0	52 - 140
Fluorene	40000	34600	86.5		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	38400	96.0		30.0	65 - 110
Diethylphthalate	40000	37400	93.5		28.0	68 - 115
4-Nitroaniline	40000	39100	97.8		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	17000	42.5		28.0	34 - 135
N-Nitrosodiphenylamine	40000	39100	97.8		23.0	77 - 115
4-Bromophenyl-phenylether	40000	36800	92.0		30.0	59 - 115
Hexachlorobenzene	40000	36900	92.2		28.0	77 - 120
Pentachlorophenol	40000	11600	29.0 *		30.0	36 - 120
Phenanthrene	40000	35200	88.0		25.0	67 - 110
Anthracene	40000	33000	82.5		19.0	67 - 105
Di-n-butylphthalate	40000	33100	82.8		29.0	67 - 110
Fluoranthene	40000	33400	83.5		21.0	74 - 115
Pyrene	40000	34700	86.8		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	29200	73.0		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	27400	68.5		30.0	41 - 130
Benzo(a)anthracene	40000	30200	75.5		29.0	67 - 110
Chrysene	40000	35400	88.5		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	29800	74.5		30.0	65 - 125
Di-n-octylphthalate	40000	27200	68.0		30.0	64 - 130
Benzo(b)fluoranthene	40000	26100	65.2		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3202LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	33000	82.5		28.0	53 - 125
Benzo(a)pyrene	40000	32800	82.0		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	26000	65.0		30.0	40 - 120
Dibenz(a,h)anthracene	40000	21900	54.8		30.0	40 - 125
Benzo(g,h,i)perylene	40000	26200	65.5		23.0	41 - 125

Spike Recovery: 5 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

3

SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-T16-MS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
N-Nitrosodimethylamine	70200	0	44500	63.4	10 - 187
Aniline	35100	0	64900	185.0 *	45 - 119
Bis(2-Chloroethyl)ether	35100	0	39800	113.0	86 - 133
Phenol	35100	547000	568000	59.8	27 - 177
2-Chlorophenol	35100	0	39700	113.0	43 - 178
1,3-Dichlorobenzene	35100	0	43000	122.0	40 - 185
1,4-Dichlorobenzene	35100	0	43500	124.0	64 - 161
1,2-Dichlorobenzene	35100	0	40800	116.0	42 - 189
Benzyl alcohol	35100	0	17400	49.6	45 - 131
2,2-Oxybis(1-chloropropane)	35100	0	45800	130.0	48 - 158
2-Methylphenol (o-Cresol)	35100	28500	73600	128.0	28 - 190
Hexachloroethane	35100	0	40200	114.0	63 - 166
N-Nitroso-di-n-propylamine	35100	0	43400	124.0	69 - 127
4-Methylphenol	35100	51600	79100	78.3	26 - 185
Nitrobenzene	35100	0	43600	124.0	61 - 172
Isophorone	35100	0	40900	116.0	58 - 184
2-Nitrophenol	35100	0	28500	81.2	47 - 183
2,4-Dimethylphenol	35100	8420	55800	135.0	22 - 169
Benzoic acid	35100	0	0	0.0 *	10 - 127
Bis(2-Chloroethoxy)methane	35100	0	36800	105.0	61 - 161
2,4-Dichlorophenol	35100	0	38700	110.0	43 - 181
1,2,4-Trichlorobenzene	35100	0	42800	122.0	35 - 200
Naphthalene	35100	0	42100	120.0	59 - 162
4-Chloroaniline	35100	0	41400	118.0	29 - 155
2-Methylnaphthalene	35100	0	45600	130.0	39 - 213
Hexachlorobutadiene	35100	0	39700	113.0	61 - 207
4-Chloro-3-methylphenol	35100	10400	43800	95.2	47 - 185
1-Methylnaphthalene	35100	0	44300	126.0	59 - 126
Hexachlorocyclopentadiene	35100	0	0	0.0 *	15 - 114
2,4,6-Trichlorophenol	35100	0	12600	35.9 *	47 - 181

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

230707 1755

3

SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac | NPP-T16-MS

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
2,4,5-Trichlorophenol	35100	0	16800	47.9	39 - 183
2-Chloronaphthalene	35100	0	43900	125.0	61 - 179
2-Nitroaniline	35100	0	35900	102.0	17 - 211
Acenaphthylene	35100	0	39800	113.0	78 - 141
Dimethyl-phthalate	35100	0	40600	116.0	56 - 167
2,6-Dinitrotoluene	35100	0	34100	97.2	49 - 195
Acenaphthene	35100	0	40000	114.0	54 - 171
3-Nitroaniline	35100	0	34900	99.4	50 - 191
2,4-Dinitrophenol	35100	0	0	0.0 *	10 - 174
Dibenzofuran	35100	0	45000	128.0	62 - 185
2,4-Dinitrotoluene	35100	0	32000	91.2	50 - 201
4-Nitrophenol	35100	0	0	0.0 *	46 - 144
Fluorene	35100	0	40200	114.0	51 - 168
4-Chlorophenyl-phenylether	35100	0	44500	127.0	54 - 163
Diethylphthalate	35100	0	44100	126.0	54 - 170
4-Nitroaniline	35100	0	45000	128.0	76 - 146
2-Methyl-4,6-dinitrophenol	35100	0	0	0.0 *	19 - 138
N-Nitrosodiphenylamine	35100	0	44600	127.0	53 - 202
4-Bromophenyl-phenylether	35100	0	43300	123.0	50 - 145
Hexachlorobenzene	35100	0	42500	121.0	59 - 180
Pentachlorophenol	35100	0	0	0.0 *	10 - 223
Phenanthrene	35100	0	39800	113.0	52 - 177
Anthracene	35100	0	40200	114.0	54 - 172
Di-n-butylphthalate	35100	0	44300	126.0	61 - 164
Fluoranthene	35100	0	40800	116.0	38 - 219
Pyrene	35100	0	40700	116.0	55 - 171
Benzidine	35100	0	0	0.0	0 - 74
Butylbenzylphthalate	35100	0	39800	113.0	81 - 149
3,3'-Dichlorobenzidine	35100	0	34600	98.6	28 - 155
Benzo(a)anthracene	35100	0	36400	104.0	62 - 139

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

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3

SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-T16-MS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Chrysene	35100	0	41000	117.0	46 - 184
bis(2-ethylhexyl)phthalate	35100	0	39800	113.0	54 - 173
Di-n-octylphthalate	35100	0	40600	116.0	57 - 172
Benzo(b)fluoranthene	35100	0	35000	99.7	65 - 137
Benzo(k)fluoranthene	35100	0	41600	118.0	23 - 205
Benzo(a)pyrene	35100	0	35800	102.0	60 - 139
Indeno(1,2,3-cd)pyrene	35100	0	25100	71.5	10 - 218
Dibenz(a,h)anthracene	35100	0	25800	73.5	10 - 183
Benzo(g,h,i)perylene	35100	0	28700	81.8	24 - 189

Spike Recovery: 8 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

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SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-T16-SD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	67800	44000	64.9	1.1	30	10 - 187
Aniline	33900	63100	186.0 *	2.8	18	45 - 119
Bis(2-Chloroethyl)ether	33900	38700	114.0	2.8	30	86 - 133
Phenol	33900	570000	67.8	0.4	30	27 - 177
2-Chlorophenol	33900	39700	117.0	0.0	29	43 - 178
1,3-Dichlorobenzene	33900	41800	123.0	2.8	27	40 - 185
1,4-Dichlorobenzene	33900	41600	123.0	4.5	30	64 - 161
1,2-Dichlorobenzene	33900	40000	118.0	2.0	19	42 - 189
Benzyl alcohol	33900	0	0.0 *	200.0 *	23	45 - 131
2,2-Oxybis(1-chloropropane)	33900	37500	111.0	19.9	30	48 - 158
2-Methylphenol (o-Cresol)	33900	68100	117.0	7.8	26	28 - 190
Hexachloroethane	33900	38500	114.0	4.3	30	63 - 166
N-Nitroso-di-n-propylamine	33900	42700	126.0	1.6	30	69 - 127
4-Methylphenol	33900	85800	101.0	8.1	27	26 - 185
Nitrobenzene	33900	43400	128.0	0.5	30	61 - 172
Isophorone	33900	39800	117.0	2.7	30	58 - 184
2-Nitrophenol	33900	30200	89.1	5.8	25	47 - 183
2,4-Dimethylphenol	33900	54100	135.0	3.1	25	22 - 169
Benzoic acid	33900	0	0.0 *		11	10 - 127
Bis(2-Chloroethoxy)methane	33900	36000	106.0	2.2	28	61 - 161
2,4-Dichlorophenol	33900	37300	110.0	3.7	23	43 - 181
1,2,4-Trichlorobenzene	33900	42100	124.0	1.6	23	35 - 200
Naphthalene	33900	42500	125.0	0.9	29	59 - 162
4-Chloroaniline	33900	41800	123.0	1.0	30	29 - 155
2-Methylnaphthalene	33900	44900	132.0	1.5	22	39 - 213
Hexachlorobutadiene	33900	39300	116.0	1.0	30	61 - 207
4-Chloro-3-methylphenol	33900	43500	97.6	0.7	30	47 - 185
1-Methylnaphthalene	33900	45000	133.0 *	1.6	30	59 - 126
Hexachlorocyclopentadiene	33900	0	0.0 *		92	15 - 114
2,4,6-Trichlorophenol	33900	15500	45.7 *	20.6	22	47 - 181

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

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SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum NPP-T16-SD

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2,4,5-Trichlorophenol	33900	22100	65.2	27.2 *	27	39 - 183
2-Chloronaphthalene	33900	43300	128.0	1.4	17	61 - 179
2-Nitroaniline	33900	34700	102.0	3.4	28	17 - 211
Acenaphthylene	33900	39500	116.0	0.8	27	78 - 141
Dimethyl-phthalate	33900	39600	117.0	2.5	27	56 - 167
2,6-Dinitrotoluene	33900	35400	104.0	3.7	23	49 - 195
Acenaphthene	33900	39000	115.0	2.5	30	54 - 171
3-Nitroaniline	33900	34400	102.0	1.4	21	50 - 191
2,4-Dinitrophenol	33900	0	0.0 *		25	10 - 174
Dibenzofuran	33900	43500	128.0	3.4	30	62 - 185
2,4-Dinitrotoluene	33900	32600	96.2	1.9	19	50 - 201
4-Nitrophenol	33900	0	0.0 *		23	46 - 144
Fluorene	33900	39500	116.0	1.8	29	51 - 168
4-Chlorophenyl-phenylether	33900	43100	127.0	3.2	30	54 - 163
Diethylphthalate	33900	43000	127.0	2.5	24	54 - 170
4-Nitroaniline	33900	42400	125.0	5.9	29	76 - 146
2-Methyl-4,6-dinitrophenol	33900	0	0.0 *		30	19 - 138
N-Nitrosodiphenylamine	33900	45000	133.0	0.9	30	53 - 202
4-Bromophenyl-phenylether	33900	44600	132.0	3.0	25	50 - 145
Hexachlorobenzene	33900	43100	127.0	1.4	30	59 - 180
Pentachlorophenol	33900	0	0.0 *		30	10 - 223
Phenanthrene	33900	39000	115.0	2.0	30	52 - 177
Anthracene	33900	40300	119.0	0.2	28	54 - 172
Di-n-butylphthalate	33900	42200	124.0	4.9	30	61 - 164
Fluoranthene	33900	39800	117.0	2.5	30	38 - 219
Pyrene	33900	40400	119.0	0.7	30	55 - 171
Benzidine	33900	0	0.0		80	0 - 74
Butylbenzylphthalate	33900	39700	117.0	0.3	21	81 - 149
3,3'-Dichlorobenzidine	33900	33900	100.0	2.0	30	28 - 155
Benzo(a)anthracene	33900	36000	106.0	1.1	22	62 - 139

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

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3

SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-T16-SD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chrysene	33900	39100	115.0	4.7	28	46 - 184
bis(2-ethylhexyl)phthalate	33900	40800	120.0	2.5	30	54 - 173
Di-n-octylphthalate	33900	38400	113.0	5.6	16	57 - 172
Benzo(b)fluoranthene	33900	32900	97.1	6.2	30	65 - 137
Benzo(k)fluoranthene	33900	42500	125.0	2.1	23	23 - 205
Benzo(a)pyrene	33900	35000	103.0	2.3	26	60 - 139
Indeno(1,2,3-cd)pyrene	33900	25500	75.2	1.6	30	10 - 218
Dibenz(a,h)anthracene	33900	25700	75.8	0.4	30	10 - 183
Benzo(g,h,i)perylene	33900	26100	77.0	9.5	30	24 - 189

RPD: 2 out of 69 outside limits

Spike Recovery: 10 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

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GC/ECD PCB ORGANICS

METHOD 8082

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CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPP-T16-MS was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 156 % with criteria of (33-140).

Sample NPP-T16-SD was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 155 % with criteria of (33-140).

Since these samples were prepared by waste dilution and the criteria are for soil ASE extraction, and the recoveries were above the control limits, and there were no target analytes found in the associated samples, it is safe to say that had the analytes been in the samples they would have been detected, so no further action was taken.

Samples coded accordingly.

The following samples had surrogates that were diluted out: NPP-T06 NPP-T26

D. Spikes:

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 194LCS was analyzed with the soil samples extracted on 07/17/07. The following analyte(s) were recovered above criteria: Aroclor-1260 at 133 % with criteria of (60-125).

LCS 210LCSD was analyzed with the soil samples extracted on 07/20/07. The following analyte(s) were recovered above criteria: Aroclor-1260 at 130 % with criteria of (60-125).

Since these samples were prepared by waste dilution and the criteria are for soil ASE extraction, and the recoveries were above the control limits, and there were no target analytes found in the associated samples, it is safe to say that had the analytes been in the samples they would have been detected, and no further action was taken.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

A client requested MS/SD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met with the exception of:
MS - NPP-T16-MS was analyzed with the soil samples extracted on 07/17/07. The following analyte(s) were recovered above criteria: Aroclor-1016 at 184 % with criteria of (46-116), Aroclor-1260 at 187 % with criteria of (12-123).

SD - NPP-T16-SD was analyzed with the soil samples extracted on 07/17/07. The following analyte(s) were recovered above criteria: Aroclor-1016 at 177 % with criteria of (46-116), Aroclor-1260 at 177 % with criteria of (12-123).

Since these samples were prepared by waste dilution and the criteria are for soil ASE extraction, and the recoveries were above the control limits, and there were no target analytes found in the associated samples, it is safe to say that had the analytes been in the samples they would have been detected, and no further action was taken.

Samples coded accordingly.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

Sample NPP-T06 required a 1:100 dilution due to sample matrix interference.

Sample NPP-T26 required a 1:100 dilution due to sample matrix interference.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 07/21/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Method: 8082

EPA Sample No	Lab Sample ID
NPP-T03	250718201
NPP-T06	250718202
NPP-T08	250718203
NPP-T10	250718204
NPP-T11	250718205
NPP-T13	250718206
NPP-T14	250718207
NPP-T15	250718208
NPP-T16	250718209
NPP-T16-DUP	250718210
NPP-T17	250718213
NPP-T20	250718214
NPP-T26	250718215
NPP-T27	250718216
NPP-CARBON1	250718217
NPP-T25	250718218

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Sample Data

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718201 Lab File ID: 182-01.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2027

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718202 Lab File ID: 182-02DC.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2059

PercentSolids: 100 decanted : Dilution Factor: 100

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	43000	U
11096-82-5	Aroclor-1260	43000	U
11104-28-2	Aroclor-1221	43000	U
11141-16-5	Aroclor-1232	43000	U
53469-21-9	Aroclor-1242	43000	U
12672-29-6	Aroclor-1248	43000	U
11097-69-1	Aroclor-1254	43000	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718203 Lab File ID: 182-03.D

Sample wt/vol: 1.07 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2130

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718204 Lab File ID: 182-04.D

Sample wt/vol: 1.28 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2202

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	350	U
11096-82-5	Aroclor-1260	350	U
11104-28-2	Aroclor-1221	350	U
11141-16-5	Aroclor-1232	350	U
53469-21-9	Aroclor-1242	350	U
12672-29-6	Aroclor-1248	350	U
11097-69-1	Aroclor-1254	350	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718205 Lab File ID: 182-05.D

Sample wt/vol: 1.07 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2233

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206 Lab File ID: 182-06.D

Sample wt/vol: 1.12 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2305

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	400	U
11096-82-5	Aroclor-1260	400	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718207 Lab File ID: 182-07.D

Sample wt/vol: 1.1 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2336

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718208 Lab File ID: 182-08.D

Sample wt/vol: 1.11 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0008

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	400	U
11096-82-5	Aroclor-1260	400	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718209 Lab File ID: 182-09.D

Sample wt/vol: 1.11 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0127

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	400	U
11096-82-5	Aroclor-1260	400	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T16-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718210 Lab File ID: 182-10.D

Sample wt/vol: 1.24 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0158

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	360	U
11096-82-5	Aroclor-1260	360	U
11104-28-2	Aroclor-1221	360	U
11141-16-5	Aroclor-1232	360	U
53469-21-9	Aroclor-1242	360	U
12672-29-6	Aroclor-1248	360	U
11097-69-1	Aroclor-1254	360	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718213 Lab File ID: 182-13.D

Sample wt/vol: 1 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/20/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1433

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718214 Lab File ID: 182-14.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0404

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718215 Lab File ID: 182-15DC.D

Sample wt/vol: 1.08 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0435

PercentSolids: 100 decanted : Dilution Factor: 100

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	42000	U
11096-82-5	Aroclor-1260	42000	U
11104-28-2	Aroclor-1221	42000	U
11141-16-5	Aroclor-1232	42000	U
53469-21-9	Aroclor-1242	42000	U
12672-29-6	Aroclor-1248	42000	U
11097-69-1	Aroclor-1254	42000	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718216 Lab File ID: 182-16.D

Sample wt/vol: 1.17 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0507

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	380	U
11096-82-5	Aroclor-1260	380	U
11104-28-2	Aroclor-1221	380	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-CARBON1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718217 Lab File ID: 182-17.D

Sample wt/vol: 1.13 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0538

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	400	U
11096-82-5	Aroclor-1260	400	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218 Lab File ID: 182-18.D

Sample wt/vol: 1.06 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0610

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 194BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 245953 Lab File ID: 194BLK.D

Sample wt/vol: 1 Units: G Date Received: 07/17/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1924

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 210BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 246133 Lab File ID: 210BLK.D

Sample wt/vol: 1 Units: G Date Received: 07/20/07

Concentrated Extract Volume: 10 Date Extracted: 07/20/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1258

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

194LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	13600	136.0		21.0	40 - 140
Aroclor-1260	10000	13300	133.0 *		32.0	60 - 125

Spike Recovery: 1 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

210LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	12700	127.0		21.0	40 - 140
Aroclor-1260	10000	12400	124.0		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 210LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	14000	140.0	9.7	21.0	40 - 140
Aroclor-1260	10000	13000	130.0 *	4.7	32.0	60 - 125

Spike Recovery: 1 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

3

PCB ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-T16-MS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Aroclor-1016	8060	0	14800	184.0 *	46 - 116
Aroclor-1260	8060	0	15100	187.0 *	12 - 123

Spike Recovery: 2 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

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3

PCB ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-T16-SD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	8200	14500	177.0 *	2.0	28	46 - 116
Aroclor-1260	8200	14500	177.0 *	4.1	18	12 - 123

RPD: 0 out of 2 outside limits

Spike Recovery: 2 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

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Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 245856BLK was analyzed with the soil samples on 07/19/07. The following analyte(s) were detected below RL: Calcium at 8.02 MG/KG, Iron at 2.52 MG/KG, Potassium at 8.72 MG/KG.
Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

A client requested MS/SD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

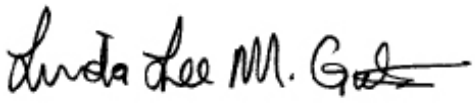
Sample analysis proceeded normally.

Samples NPP-T14, NPP-T15 required a 1:5 dilution due to high concentration of the following analyte(s): Sodium.

Sample NPP-T20 required a 1:5 dilution due to high concentration of the following analyte(s): Copper, Sodium.
Sample NPP-T20 required a 1:5 dilution due to matrix interference with the following analyte(s): Lead.

Sample NPP-T27 required a 1:5 dilution due to high concentration of the following analyte(s): Antimony, Sodium.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 07/23/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507182

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

A client requested MS/SD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met with the exception of:
MS - NPP-T16-MS was analyzed with the soil samples on 07/18/07. The following analyte(s) were recovered below criteria: Mercury at 43.9 % with criteria of (75-125).
SD - NPP-T16-SD was analyzed with the soil samples on 07/18/07. The following analyte(s) were recovered below criteria: Mercury at 65.6 % with criteria of (75-125). The following analyte(s) exceeded RPD criteria: Mercury at 41 % with criteria of (20).
Samples coded accordingly.

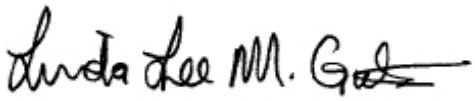
D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **07/19/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No. SDG No.: 2507182

SOW No.:

EPA Sample No	Lab Sample ID
NPP-T03	250718201
NPP-T06	250718202
NPP-T08	250718203
NPP-T10	250718204
NPP-T11	250718205
NPP-T13	250718206
NPP-T14	250718207
NPP-T14DL1	250718207DL1
NPP-T15	250718208
NPP-T15DL1	250718208DL1
NPP-T16	250718209
NPP-T16-DUP	250718210
NPP-T17	250718213
NPP-T20	250718214
NPP-T20DL1	250718214DL1
NPP-T26	250718215
NPP-T27	250718216
NPP-T27DL1	250718216DL1
NPP-CARBON1	250718217
NPP-T25	250718218

Were ICP interelement corrections applied? Yes/No Yes

Were ICP background corrections applied? Yes/No Yes

If yes - were raw data generated before application of background corrections? Yes/No No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718201

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	206			P
7440-38-2	Arsenic	1.57			P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0495	U		P
7440-70-2	Calcium	41.9			P
7440-47-3	Chromium	0.231	B		P
7440-48-4	Cobalt	0.432	B		P
7440-50-8	Copper	1.26			P
7439-89-6	Iron	84.3			P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	5.01	B		P
7439-96-5	Manganese	1.29			P
7439-97-6	Mercury	0.0043	B		CV
7440-02-0	Nickel	0.397	B		P
7440-09-7	Potassium	1550			P
7782-49-2	Selenium	2.11			P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	21700			P
7440-28-0	Thallium	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718201

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	1.66			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718202

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	0.824	B		P
7440-38-2	Arsenic	0.484	U		P
7440-39-3	Barium	0.364	B		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	80.3			P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	7.64			P
7439-89-6	Iron	263			P
7439-92-1	Lead	0.393	B		P
7439-95-4	Magnesium	11			P
7439-96-5	Manganese	1.35			P
7439-97-6	Mercury	0.00489	B		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	21.2	B		P
7782-49-2	Selenium	0.722	B		P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	20.1	B		P
7440-28-0	Thallium	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718202

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	32.3			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718203

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	91.7			P
7440-38-2	Arsenic	0.519	B		P
7440-39-3	Barium	0.269	B		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0608	B		P
7440-70-2	Calcium	164			P
7440-47-3	Chromium	0.227	B		P
7440-48-4	Cobalt	0.254	B		P
7440-50-8	Copper	14.9			P
7439-89-6	Iron	849			P
7439-92-1	Lead	4.31			P
7439-95-4	Magnesium	207			P
7439-96-5	Manganese	62.6			P
7439-97-6	Mercury	0.00499	B		CV
7440-02-0	Nickel	0.982			P
7440-09-7	Potassium	1380			P
7782-49-2	Selenium	2.06			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	1430			P
7440-28-0	Thallium	0.323	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718203

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	27.9			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718204

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	129			P
7440-38-2	Arsenic	0.639	B		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0486	U		P
7440-70-2	Calcium	7.56	B		P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.171	B		P
7440-50-8	Copper	1.59			P
7439-89-6	Iron	126			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	3.03	B		P
7439-96-5	Manganese	3.04			P
7439-97-6	Mercury	0.00455	B		CV
7440-02-0	Nickel	0.372	B		P
7440-09-7	Potassium	969			P
7782-49-2	Selenium	3.46			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	871			P
7440-28-0	Thallium	0.321	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718204

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	0.321	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718205

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.44	B		P
7440-36-0	Antimony	400			P
7440-38-2	Arsenic	1.58			P
7440-39-3	Barium	0.153	U		P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.0958	B		P
7440-70-2	Calcium	87.5			P
7440-47-3	Chromium	2.96			P
7440-48-4	Cobalt	1.42			P
7440-50-8	Copper	42.8			P
7439-89-6	Iron	2040			P
7439-92-1	Lead	12.1			P
7439-95-4	Magnesium	11.8			P
7439-96-5	Manganese	12.5			P
7439-97-6	Mercury	0.00545	B		CV
7440-02-0	Nickel	3.03			P
7440-09-7	Potassium	454			P
7782-49-2	Selenium	2.42			P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	18000			P
7440-28-0	Thallium	0.316	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718205

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.153	U		P
7440-66-6	Zinc	99.8			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.17	B		P
7440-36-0	Antimony	84.8			P
7440-38-2	Arsenic	0.906	B		P
7440-39-3	Barium	0.16	U		P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.05	U		P
7440-70-2	Calcium	21.2			P
7440-47-3	Chromium	0.252	B		P
7440-48-4	Cobalt	0.0995	B		P
7440-50-8	Copper	5.81			P
7439-89-6	Iron	2000			P
7439-92-1	Lead	14.6			P
7439-95-4	Magnesium	16.3			P
7439-96-5	Manganese	27			P
7439-97-6	Mercury	0.0058	B		CV
7440-02-0	Nickel	4.7			P
7440-09-7	Potassium	76.6			P
7782-49-2	Selenium	2.37			P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	486			P
7440-28-0	Thallium	0.33	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718206

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.16	U		P
7440-66-6	Zinc	15.6			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718207

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3.5	B		P
7440-36-0	Antimony	183			P
7440-38-2	Arsenic	1.46			P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0482	U		P
7440-70-2	Calcium	3.45	B		P
7440-47-3	Chromium	0.416	B		P
7440-48-4	Cobalt	0.388	B		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	15.6			P
7439-92-1	Lead	0.328	U		P
7439-95-4	Magnesium	2.89	U		P
7439-96-5	Manganese	0.154	U		P
7439-97-6	Mercury	0.00378	B		CV
7440-02-0	Nickel	3.19			P
7440-09-7	Potassium	1400			P
7782-49-2	Selenium	2.61			P
7440-22-4	Silver	0.154	U		P
7440-28-0	Thallium	0.318	U		P
7440-62-2	Vanadium	0.154	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718207

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.563	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T14DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718207DL1

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	41100			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718208

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	13.4			P
7440-36-0	Antimony	325			P
7440-38-2	Arsenic	2.12			P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0492	U		P
7440-70-2	Calcium	14.8			P
7440-47-3	Chromium	2.23			P
7440-48-4	Cobalt	1.07			P
7440-50-8	Copper	1.95			P
7439-89-6	Iron	348			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	0.157	U		P
7439-97-6	Mercury	0.00497	B		CV
7440-02-0	Nickel	1.81			P
7440-09-7	Potassium	3170			P
7782-49-2	Selenium	1.77			P
7440-22-4	Silver	0.157	U		P
7440-28-0	Thallium	0.325	U		P
7440-62-2	Vanadium	0.224	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718208

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	11.8			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T15DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718208DL1

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	37200			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718209

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	4.05			P
7440-38-2	Arsenic	0.493	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0493	U		P
7440-70-2	Calcium	4.07	B		P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0493	U		P
7440-50-8	Copper	1.91			P
7439-89-6	Iron	6.38			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.96	U		P
7439-96-5	Manganese	0.158	U		P
7439-97-6	Mercury	0.00204	U	*N	CV
7440-02-0	Nickel	0.215	B		P
7440-09-7	Potassium	322			P
7782-49-2	Selenium	0.716	B		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	5200			P
7440-28-0	Thallium	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718209

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	0.855	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T16-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718210

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	4.39			P
7440-38-2	Arsenic	0.634	B		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0483	U		P
7440-70-2	Calcium	5.76	B		P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0483	U		P
7440-50-8	Copper	7.87			P
7439-89-6	Iron	152			P
7439-92-1	Lead	0.432	B		P
7439-95-4	Magnesium	2.9	U		P
7439-96-5	Manganese	0.643			P
7439-97-6	Mercury	0.00259	B		CV
7440-02-0	Nickel	0.323	B		P
7440-09-7	Potassium	312			P
7782-49-2	Selenium	0.936	B		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	5140			P
7440-28-0	Thallium	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T16-DUP

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718210

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	1.7			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718213

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	65.1			P
7440-38-2	Arsenic	0.624	B		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0789	B		P
7440-70-2	Calcium	11.3			P
7440-47-3	Chromium	0.157	B		P
7440-48-4	Cobalt	0.365	B		P
7440-50-8	Copper	11.1			P
7439-89-6	Iron	86.3			P
7439-92-1	Lead	0.558	B		P
7439-95-4	Magnesium	3.07	B		P
7439-96-5	Manganese	0.856			P
7439-97-6	Mercury	0.00376	B		CV
7440-02-0	Nickel	1.32			P
7440-09-7	Potassium	1380			P
7782-49-2	Selenium	1.59			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	15600			P
7440-28-0	Thallium	0.323	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718213

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	41.2			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718214

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.1	U		P
7440-36-0	Antimony	62.6			P
7440-38-2	Arsenic	1.32			P
7440-39-3	Barium	0.57			P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.0795	B		P
7440-70-2	Calcium	35.1			P
7440-47-3	Chromium	1.05			P
7440-48-4	Cobalt	0.116	B		P
7439-89-6	Iron	212			P
7439-95-4	Magnesium	12.1			P
7439-96-5	Manganese	0.675			P
7439-97-6	Mercury	0.00197	U		CV
7440-02-0	Nickel	9.48			P
7440-09-7	Potassium	5250			P
7782-49-2	Selenium	2.58			P
7440-22-4	Silver	0.16	U		P
7440-28-0	Thallium	0.33	U		P
7440-62-2	Vanadium	1.34			P
7440-66-6	Zinc	128			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T20DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718214DL1

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-50-8	Copper	1680			P
7439-92-1	Lead	32.9			P
7440-23-5	Sodium	55300			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718215

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	0.393	B		P
7440-38-2	Arsenic	0.491	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0491	U		P
7440-70-2	Calcium	32.5			P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.0491	U		P
7440-50-8	Copper	12.3			P
7439-89-6	Iron	39.8			P
7439-92-1	Lead	0.851			P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	0.157	U		P
7439-97-6	Mercury	0.00266	B		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	11.8	B		P
7782-49-2	Selenium	0.491	U		P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	9.82	U		P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718215

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	54.7			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718216

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	47.3			P
7440-38-2	Arsenic	54.5			P
7440-39-3	Barium	6.06			P
7440-41-7	Beryllium	0.159	U		P
7440-43-9	Cadmium	0.185	B		P
7440-70-2	Calcium	495			P
7440-47-3	Chromium	5.38			P
7440-48-4	Cobalt	6.1			P
7440-50-8	Copper	8.6			P
7439-89-6	Iron	2520			P
7439-92-1	Lead	4.59			P
7439-95-4	Magnesium	32.6			P
7439-96-5	Manganese	53.8			P
7439-97-6	Mercury	0.0349			CV
7440-02-0	Nickel	12.2			P
7440-09-7	Potassium	1460			P
7782-49-2	Selenium	3.06			P
7440-22-4	Silver	0.159	U		P
7440-28-0	Thallium	0.327	U		P
7440-62-2	Vanadium	0.174	B		P
7440-66-6	Zinc	44.1			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T27DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718216DL1

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	2380			P
7440-23-5	Sodium	26900			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718217

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	545			P
7440-36-0	Antimony	2.91			P
7440-38-2	Arsenic	3.21			P
7440-39-3	Barium	28			P
7440-41-7	Beryllium	1.28			P
7440-43-9	Cadmium	0.137	B		P
7440-70-2	Calcium	567			P
7440-47-3	Chromium	2.97			P
7440-48-4	Cobalt	3.56			P
7440-50-8	Copper	11.4			P
7439-89-6	Iron	13100			P
7439-92-1	Lead	0.232	U		P
7439-95-4	Magnesium	101			P
7439-96-5	Manganese	35.4			P
7439-97-6	Mercury	0.00228	B		CV
7440-02-0	Nickel	5.56			P
7440-09-7	Potassium	328			P
7782-49-2	Selenium	3.33			P
7440-22-4	Silver	0.109	U		P
7440-23-5	Sodium	440			P
7440-28-0	Thallium	0.226	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718217

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	8.86			P
7440-66-6	Zinc	3.13			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	16.1			P
7440-38-2	Arsenic	0.572	B		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0561	B		P
7440-70-2	Calcium	82.7			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0489	U		P
7440-50-8	Copper	5.03			P
7439-89-6	Iron	1380			P
7439-92-1	Lead	1.04			P
7439-95-4	Magnesium	22.2			P
7439-96-5	Manganese	16.2			P
7439-97-6	Mercury	0.00204	U		CV
7440-02-0	Nickel	4.71			P
7440-09-7	Potassium	874			P
7782-49-2	Selenium	1.84			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	2450			P
7440-28-0	Thallium	0.323	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Lab Sample ID: 250718218

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	119			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1756

QC Summary

230707 1756

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5A

SPIKE SAMPLE RECOVERY

EPA Sample No.

NPP-T16-MS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit %R	Spiked Sample	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	4420		2.07	U	4810	91.9		P
Antimony	75 - 125	49		4.05		48.1	93.5		P
Arsenic	75 - 125	44.6		0.493	U	48.1	92.7		P
Barium	75 - 125	138		0.158	U	144	95.8		P
Beryllium	75 - 125	46.1		0.158	U	48.1	95.8		P
Cadmium	75 - 125	44.2		0.0493	U	48.1	91.9		P
Calcium	75 - 125	4310		4.07	B	4810	89.5		P
Chromium	75 - 125	46.2		0.158	U	48.1	96		P
Cobalt	75 - 125	45.9		0.0493	U	48.1	95.4		P
Copper	75 - 125	51.4		1.91		48.1	102.9		P
Iron	75 - 125	4480		6.38		4810	93		P
Lead	75 - 125	45.8		0.335	U	48.1	95.2		P
Magnesium	75 - 125	4400		2.96	U	4810	91.5		P
Manganese	75 - 125	46.2		0.158	U	48.1	96		P
Mercury	75 - 125	0.126		0.00204	U	0.287	43.9	N	CV
Nickel	75 - 125	45		0.215	B	48.1	93.1		P
Potassium	75 - 125	4750		322		4810	92.1		P
Selenium	75 - 125	46.4		0.716	B	48.1	95		P
Silver	75 - 125	17.9		0.158	U	19.2	93.2		P
Sodium	75 - 125	9560		5200		4810	90.6		P
Thallium	75 - 125	44.9		0.325	U	48.1	93.3		P
Vanadium	75 - 125	47.1		0.158	U	48.1	97.9		P
Zinc	75 - 125	48		0.855	B	48.1	98		P

Comments:

230707 1756

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5A

SPIKE SAMPLE RECOVERY

EPA Sample No.

NPP-T16-SD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit %R	Spiked Sample	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	4680		2.07	U	4940	94.7		P
Antimony	75 - 125	50.6		4.05		49.4	94.2		P
Arsenic	75 - 125	46.7		0.493	U	49.4	94.5		P
Barium	75 - 125	144		0.158	U	148	97.3		P
Beryllium	75 - 125	47.8		0.158	U	49.4	96.8		P
Cadmium	75 - 125	46.2		0.0493	U	49.4	93.5		P
Calcium	75 - 125	4540		4.07	B	4940	91.8		P
Chromium	75 - 125	48		0.158	U	49.4	97.2		P
Cobalt	75 - 125	47.8		0.0493	U	49.4	96.8		P
Copper	75 - 125	53.6		1.91		49.4	104.6		P
Iron	75 - 125	4740		6.38		4940	95.8		P
Lead	75 - 125	47.7		0.335	U	49.4	96.6		P
Magnesium	75 - 125	4640		2.96	U	4940	93.9		P
Manganese	75 - 125	47.8		0.158	U	49.4	96.8		P
Mercury	75 - 125	0.191		0.00204	U	0.291	65.6	N	CV
Nickel	75 - 125	46.7		0.215	B	49.4	94.1		P
Potassium	75 - 125	5010		322		4940	94.9		P
Selenium	75 - 125	49.3		0.716	B	49.4	98.3		P
Silver	75 - 125	18.5		0.158	U	19.8	93.4		P
Sodium	75 - 125	10000		5200		4940	97.2		P
Thallium	75 - 125	47.3		0.325	U	49.4	95.7		P
Vanadium	75 - 125	48.7		0.158	U	49.4	98.6		P
Zinc	75 - 125	49.8		0.855	B	49.4	99.1		P

Comments:

230707 1756

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DUPLICATES

EPA Sample No.

245858LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4710		4560		3.2		P
Antimony	20	48.3		46.5		3.8		P
Arsenic	20	47		44.7		5.0		P
Barium	20	148		141		4.8		P
Beryllium	20	48.7		46.8		4.0		P
Cadmium	20	47.2		45.1		4.6		P
Calcium	20	4600		4450		3.3		P
Chromium	20	49		47		4.2		P
Cobalt	20	48.2		46.5		3.6		P
Copper	20	48.6		46.8		3.8		P
Iron	20	4770		4600		3.6		P
Lead	20	49.4		47		5.0		P
Magnesium	20	4680		4520		3.5		P
Manganese	20	48.8		46.6		4.6		P
Nickel	20	48.2		46.3		4.0		P
Potassium	20	4720		4590		2.8		P
Selenium	20	47		46.5		1.1		P
Silver	20	19.6		18.6		5.2		P
Sodium	20	4790		4650		3.0		P
Thallium	20	48.7		46.6		4.4		P
Vanadium	20	50		47.9		4.3		P
Zinc	20	48.9		47.6		2.7		P

Comments:

230707 1756

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DUPLICATES

EPA Sample No.

245959LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.296		0.298		0.7		CV

Comments:

230707 1756

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DUPLICATES

EPA Sample No.

NPP-T16-SD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4420		4680		5.7		P
Antimony	20	49		50.6		3.2		P
Arsenic	20	44.6		46.7		4.6		P
Barium	20	138		144		4.3		P
Beryllium	20	46.1		47.8		3.6		P
Cadmium	20	44.2		46.2		4.4		P
Calcium	20	4310		4540		5.2		P
Chromium	20	46.2		48		3.8		P
Cobalt	20	45.9		47.8		4.1		P
Copper	20	51.4		53.6		4.2		P
Iron	20	4480		4740		5.6		P
Lead	20	45.8		47.7		4.1		P
Magnesium	20	4400		4640		5.3		P
Manganese	20	46.2		47.8		3.4		P
Mercury	20	0.126		0.191		41.0	*	CV
Nickel	20	45		46.7		3.7		P
Potassium	20	4750		5010		5.3		P
Selenium	20	46.4		49.3		6.1		P
Silver	20	17.9		18.5		3.3		P
Sodium	20	9560		10000		4.5		P
Thallium	20	44.9		47.3		5.2		P
Vanadium	20	47.1		48.7		3.3		P
Zinc	20	48		49.8		3.7		P

Comments:

230707 1756

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LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 245857LCS

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	%R
Aluminum				5000	4710		80 - 120	94.2
Antimony				50	48.3		80 - 120	96.6
Arsenic				50	47		80 - 120	94.0
Barium				150	148		80 - 120	98.7
Beryllium				50	48.7		80 - 120	97.4
Cadmium				50	47.2		80 - 120	94.4
Calcium				5000	4600		80 - 120	92.0
Chromium				50	49		80 - 120	98.0
Cobalt				50	48.2		80 - 120	96.4
Copper				50	48.6		80 - 120	97.2
Iron				5000	4770		80 - 120	95.4
Lead				50	49.4		80 - 120	98.8
Magnesium				5000	4680		80 - 120	93.6
Manganese				50	48.8		80 - 120	97.6
Nickel				50	48.2		80 - 120	96.4
Potassium				5000	4720		80 - 120	94.4
Selenium				50	47		80 - 120	94.0
Silver				20	19.6		80 - 120	98.0
Sodium				5000	4790		80 - 120	95.8
Thallium				50	48.7		80 - 120	97.4
Vanadium				50	50		80 - 120	100.0
Zinc				50	48.9		80 - 120	97.8

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LABORATORY CONTROL SAMPLE

EPA Sample No.

245858LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits			%R
Aluminum				5000	4560		80	-	120	91.2
Antimony				50	46.5		80	-	120	93.0
Arsenic				50	44.7		80	-	120	89.4
Barium				150	141		80	-	120	94.0
Beryllium				50	46.8		80	-	120	93.6
Cadmium				50	45.1		80	-	120	90.2
Calcium				5000	4450		80	-	120	89.0
Chromium				50	47		80	-	120	94.0
Cobalt				50	46.5		80	-	120	93.0
Copper				50	46.8		80	-	120	93.6
Iron				5000	4600		80	-	120	92.0
Lead				50	47		80	-	120	94.0
Magnesium				5000	4520		80	-	120	90.4
Manganese				50	46.6		80	-	120	93.2
Nickel				50	46.3		80	-	120	92.6
Potassium				5000	4590		80	-	120	91.8
Selenium				50	46.5		80	-	120	93.0
Silver				20	18.6		80	-	120	93.0
Sodium				5000	4650		80	-	120	93.0
Thallium				50	46.6		80	-	120	93.2
Vanadium				50	47.9		80	-	120	95.8
Zinc				50	47.6		80	-	120	95.2

230707 1756

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

245959LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507182

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.296		80	120	98.7

230707 1756

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

245959LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507182

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.298		80	120	99.3

230707 1756

Chain of Custody Documentation

230707 1756

Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507182 KC

Company: TVA & ASSOC	Project Name/Number: NATIONAL PETROLEUM PACKERS 2005148-1089	Page 1 of 3
Address: 1220 KENNESTONE CIR MARIETTA GA	Project Manager: L. VON OLDENBURG	DEP Form #: 62-770.900(2)
Phone: 6783555350 Fax:	Purchase Order:	Form Title: Chain of Custody Record
Print Names(s) / Affiliation: L. VON OLDENBURG		Effective Date: September 23, 1997
Sampler(s) Signature(s):		FDEP Facility No.
		Project Name:
		Sampling CompQAP No:
		Approval Date:

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes) I	I	I	I	Analyses Requested SVOC	VOC	TOT PCBS	METALS TAL	REQUESTED DUE DATE / / Remarks	Lab. No.
1	NPP-T03	7-12-7	14:30	G	WASTE	2					X	X	X	X		KC 0102
2	NPP-T06					2										02 03
3	T08					2										03 04
4	T10					2										0405
5	T11					2										0506
6	T13					2										06 06
7	T14					2										07
8	T15					2										08
9	NPP T16	7-12-7	14:30	G	WASTE	2					X	X	X	X		09
	Shipment Method					18					← Total Number of Containers					

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		J. Hogan for PEL	07/10/07	1400			
Additional Comments:				7/12/7	1600	J. Hogan for PEL	07/13/07	1010
Rec'd @ 4.8°C								
8260 Suss ONLY MC 7/16/07								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507182

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Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507182 KC

Company: TN & ASSOC
Project Name/Number: 2005148-1089 NATIONAL PETROLEUM PACKERS
Page 2 of 3
Address: 1220 KENNESTONE CIR MARIETTA GA
Project Manager: L. VON OLDENBURG
DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
Phone: 678-355-5550 Fax:
Purchase Order:
FDEP Facility No.
Project Name:
Print Names(s) / Affiliation: L. VON OLDENBURG
Sampling CompQAP No:
Approval Date:
Sampler(s) Signature(s)

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)									Analyses Requested										REQUESTED DUE DATE / / Remarks	Lab. No.
							I	I	I	I						VOC	SVOC	ME TPH TRC	PCBS								
10	NPP-T16-DUP	7-12-7	14:30	G	WASTE	2										X	X	X	X								10
11	NPP-T16-MS					2										X											11
12	NPP-T16-MSD					2										X											12
13	NPP-T17					2										X											13
14	NPP-T20					2																					14
15	NPP-T25					2																					18
16	NPP-T26					2																					KC 1518
17	NPP-T27					2																					16
18	NPP-CARBON 1	7-12-7	14:30	G	WASTE	2										X	X	X	X								17
Shipment Method						18	← Total Number of Containers																				FINE GRAIN	

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		J. Hay PCL	07/10/07	1400			
Additional Comments:				7/12/7	16:00	PCL	07/13/07	1015
Rec'd @ 4.0°C								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507182

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FedEx Express US Airbill

FedEx Tracking Number 8605 8942 3144

Form ID No. 0200 Recipient's Copy

1 From

Date

Sender's Name

Phone

Company

Address

Dept./Floor/Suite/Room

City State ZIP

2 Your Internal Billing Reference

3 To

Recipient's Name

Phone

Company

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City State ZIP

8605 8942 3144

4a Express Package Service *Packages up to 150 lbs.*

- [ ] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [x] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	4	$ .00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

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Rev. Date 8/05•Part #158280•©1994–2005 FedEx•PRINTED IN U.S.A. SRF

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507182	**Req:**	83511
Client:	TN&A	**Project:**	National Petroleum Packers
Level:	2	**Date Rec'd:**	7/13/07 10:10:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	07/23/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0c	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507182 **Profile Name:** Nat'l Petro. **Profile #:** 83511

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 18	7470	Mercury		BMD	71607	1000
01 - 18	7470	Mercury	N/A			
01 - 18	6010	Metals		BMD	71607	1000
01 - 18	6010	Metals	N/A			
01 - 18	8260	Volatile Organic Compounds		MSS	7/16/07	9:00
01 - 18	8260	Volatile Organic Compounds		consuming		
01 - 18	8270	GCMS semivolatile		SL	7/18/07	14:00
01 - 18	8270	GCMS semivolatile	SL		7/18/07	18:30
01 - 18	8082	PCB		SL	7/17/07	14:00
01 - 18	8082	PCB	SL		7/17/07	20:30

Additional:

Comments:

Addendum

230707 1756

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 7/13/2007 10:10:00 AM

Date to be Reported: 7/27/2007

Laboratory Submission Number/SDG: 2507182

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507182

Project: National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

For method 8260, the PW vials received for the samples cannot be used (greater than 5g in vials), therefore, PEL will report low modified from soil jars. Client notified.

Notes:

15-day TAT.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level 2

Total of: 90 analyses on 18 samples (including QC) *16-Jul-07*

Report/SDG #: 2507182

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T03	250718201		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T06	250718202		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T08	250718203		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507182

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T10	250718204		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T11	250718205		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T13	250718206		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507182

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T14	250718207		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T15	250718208		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T16	250718209		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507182

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T16-DUP	250718210		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T16-MS	250718211		SQ	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T16-SD	250718212		SQ	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507182

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T17	250718213		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T20	250718214		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T26	250718215		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507182

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T27	250718216		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-CARBON1	250718217		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T25	250718218		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	7/13/2007 10:10:00 AM
Date Reported:	7/24/2007
Laboratory Submission Number/SDG:	2507183
Project:	National Petroleum Packers

Samples: The submission consisted of 7 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

Organics 7
METHOD 8260 GC/ MS VOLATILE ORGANICS 10
Sample Data 14
QC Summary 39
METHOD 8270 GC/ MS SEMI- VOLATILE ORGANICS 46
Sample Data 51
QC Summary 76
METHOD 8082 GC/ ECD PCB ORGANICS..... 86
Sample Data 90
QC Summary 98

Inorganics..... 102
METALS DATA PACKAGE TOTALS 105
Sample Data 111
QC Summary 127

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EXECUTIVE SUMMARY - Detection Highlights

2507183

SAMPLE ID: NPP-CARBON2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	245	8.93	MG/KG	SW6010B
Antimony	0.548 B	0.893	MG/KG	SW6010B
Arsenic	2.96	0.893	MG/KG	SW6010B
Barium	11.9	0.446	MG/KG	SW6010B
Cadmium	0.493	0.446	MG/KG	SW6010B
Calcium	2010	8.93	MG/KG	SW6010B
Chromium	1.03	0.446	MG/KG	SW6010B
Copper	12.2	0.446	MG/KG	SW6010B
Iron	15300	4.46	MG/KG	SW6010B
Magnesium	839	8.93	MG/KG	SW6010B
Manganese	115	0.446	MG/KG	SW6010B
Nickel	0.536	0.446	MG/KG	SW6010B
Potassium	122	44.6	MG/KG	SW6010B
Selenium	1.44	0.893	MG/KG	SW6010B
Sodium	296	26.8	MG/KG	SW6010B
Vanadium	0.68	0.446	MG/KG	SW6010B
Zinc	7.92	0.893	MG/KG	SW6010B
Mercury	0.134	0.0166	MG/KG	SW7470A
1,2,3-Trichlorobenzene	435	242	UG/KG	SW8260B
1,2,4-Trichlorobenzene	2410	242	UG/KG	SW8260B
2-Butanone	1140 J	1210	UG/KG	SW8260B
4-Methyl-2-pentanone	17700	484	UG/KG	SW8260B
Acetone	1190 J	1210	UG/KG	SW8260B
Naphthalene	6540	242	UG/KG	SW8260B
n-Butylbenzene	7700	242	UG/KG	SW8260B
sec-Butylbenzene	3650	242	UG/KG	SW8260B
Tetrachloroethene	3820	605	UG/KG	SW8260B
1,2,4-Trichlorobenzene	10800 J	38100	UG/KG	SW8270C
1-Methylnaphthalene	6970 J	38100	UG/KG	SW8270C
2-Methylnaphthalene	12600 J	38100	UG/KG	SW8270C
Naphthalene	24700 J	38100	UG/KG	SW8270C

SAMPLE ID: NPP-CARBON2DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1,2,4-Trimethylbenzene	29700	4840	UG/KG	SW8260B
1,2-Dichlorobenzene	25600	4840	UG/KG	SW8260B

240707 1337

EXECUTIVE SUMMARY - Detection Highlights

2507183

1,3,5-Trimethylbenzene	12900	4840	UG/KG	SW8260B
4-Isopropyltoluene	105000	4840	UG/KG	SW8260B
Benzene	22400	4840	UG/KG	SW8260B
Chlorobenzene	34900	4840	UG/KG	SW8260B
Ethylbenzene	56600	4840	UG/KG	SW8260B
Isopropylbenzene (Cum	8200	4840	UG/KG	SW8260B
n-Propylbenzene	10800	4840	UG/KG	SW8260B
o-Xylene	36400	4840	UG/KG	SW8260B
p,m-Xylene	140000	9680	UG/KG	SW8260B
Toluene	187000	4840	UG/KG	SW8260B

SAMPLE ID: NPP-D26

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	67.3	0.969	MG/KG	SW6010B
Arsenic	7.87	0.969	MG/KG	SW6010B
Calcium	10.2	9.69	MG/KG	SW6010B
Copper	0.271 B	0.484	MG/KG	SW6010B
Iron	10.4	4.84	MG/KG	SW6010B
Manganese	0.485	0.484	MG/KG	SW6010B
Potassium	2730	48.4	MG/KG	SW6010B
Selenium	1.55	0.969	MG/KG	SW6010B
2-Butanone	1100 J	1190	UG/KG	SW8260B
Acetone	926 J	1190	UG/KG	SW8260B
Naphthalene	184 J	239	UG/KG	SW8260B
p,m-Xylene	378 J	477	UG/KG	SW8260B
2,4-Dimethylphenol	13600 J	36400	UG/KG	SW8270C
Phenol	446000	182000	UG/KG	SW8270C

SAMPLE ID: NPP-D26DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	37800	145	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507183

SAMPLE ID: NPP-D36

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.236 B	0.971	MG/KG	SW6010B
Arsenic	0.486 B	0.971	MG/KG	SW6010B
Calcium	22.5	9.71	MG/KG	SW6010B
Chromium	0.359 B	0.485	MG/KG	SW6010B
Copper	9.04	0.485	MG/KG	SW6010B
Iron	246	4.85	MG/KG	SW6010B
Lead	1.62	0.66	MG/KG	SW6010B
Manganese	1.29	0.485	MG/KG	SW6010B
Nickel	0.818	0.485	MG/KG	SW6010B
Potassium	12.9 B	48.5	MG/KG	SW6010B
Selenium	1.73	0.971	MG/KG	SW6010B
Sodium	13.2 B	29.1	MG/KG	SW6010B
Zinc	5.16	0.971	MG/KG	SW6010B
Acetone	4870	2160	UG/KG	SW8260B
Naphthalene	259 J	433	UG/KG	SW8260B

SAMPLE ID: NPP-D36DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Phenol	5490000	1920000	UG/KG	SW8270C

SAMPLE ID: NPP-D44

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Arsenic	1.04	0.975	MG/KG	SW6010B
Barium	0.398 B	0.487	MG/KG	SW6010B
Calcium	16.1	9.75	MG/KG	SW6010B
Iron	3.18 B	4.87	MG/KG	SW6010B
Potassium	9.6 B	48.7	MG/KG	SW6010B
Selenium	3.36	0.975	MG/KG	SW6010B
Zinc	0.498 B	0.975	MG/KG	SW6010B
1,2,4-Trimethylbenzene	569 J	855	UG/KG	SW8260B
p,m-Xylene	600 J	1710	UG/KG	SW8260B
Toluene	677 J	855	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507183

SAMPLE ID: NPP-DIKE 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.231 B	0.978	MG/KG	SW6010B
Arsenic	0.518 B	0.978	MG/KG	SW6010B
Calcium	26.2	9.78	MG/KG	SW6010B
Iron	3.73 B	4.89	MG/KG	SW6010B
Potassium	23.6 B	48.9	MG/KG	SW6010B
Selenium	0.607 B	0.978	MG/KG	SW6010B
Sodium	21.2 B	29.4	MG/KG	SW6010B
1,2,4-Trimethylbenzene	518 J	725	UG/KG	SW8260B
2-Butanone	2540 J	3620	UG/KG	SW8260B
Acetone	3560 J	3620	UG/KG	SW8260B
Naphthalene	1210	725	UG/KG	SW8260B
o-Xylene	322 J	725	UG/KG	SW8260B
p,m-Xylene	1780	1450	UG/KG	SW8260B
Toluene	1280	725	UG/KG	SW8260B

SAMPLE ID: NPP-TT-2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	14.8	9.73	MG/KG	SW6010B
Arsenic	3.68	0.973	MG/KG	SW6010B
Barium	8.21	0.486	MG/KG	SW6010B
Cadmium	0.492	0.486	MG/KG	SW6010B
Calcium	138	9.73	MG/KG	SW6010B
Chromium	3.76	0.486	MG/KG	SW6010B
Cobalt	0.349 B	0.486	MG/KG	SW6010B
Copper	2.57	0.486	MG/KG	SW6010B
Iron	173	4.86	MG/KG	SW6010B
Lead	0.589 B	0.661	MG/KG	SW6010B
Magnesium	33.1	9.73	MG/KG	SW6010B
Manganese	2.29	0.486	MG/KG	SW6010B
Nickel	1.13	0.486	MG/KG	SW6010B
Potassium	3600	48.6	MG/KG	SW6010B
Selenium	2.36	0.973	MG/KG	SW6010B
Zinc	22.5	0.973	MG/KG	SW6010B
2-Butanone	1230 J	3070	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507183

Acetone	2160 J	3070	UG/KG	SW8260B
Benzene	453 J	613	UG/KG	SW8260B
Naphthalene	440 J	613	UG/KG	SW8260B
p,m-Xylene	643 J	1230	UG/KG	SW8260B
4-Chloro-3-methylphenol	35100 J	36700	UG/KG	SW8270C
4-Methylphenol	25800 J	36700	UG/KG	SW8270C
Phenol	140000 J	184000	UG/KG	SW8270C

SAMPLE ID: NPP-TT-2DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1330	4.86	MG/KG	SW6010B
Sodium	28900	146	MG/KG	SW6010B

SAMPLE ID: NPP-TT-3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.94 B	9.5	MG/KG	SW6010B
Antimony	223	0.95	MG/KG	SW6010B
Arsenic	2.24	0.95	MG/KG	SW6010B
Barium	0.771	0.475	MG/KG	SW6010B
Cadmium	0.141 B	0.475	MG/KG	SW6010B
Calcium	92.9	9.5	MG/KG	SW6010B
Chromium	0.967	0.475	MG/KG	SW6010B
Cobalt	0.0611 B	0.475	MG/KG	SW6010B
Copper	1.97	0.475	MG/KG	SW6010B
Iron	206	4.75	MG/KG	SW6010B
Magnesium	6.87 B	9.5	MG/KG	SW6010B
Manganese	0.717	0.475	MG/KG	SW6010B
Nickel	1.05	0.475	MG/KG	SW6010B
Potassium	1080	47.5	MG/KG	SW6010B
Selenium	2.88	0.95	MG/KG	SW6010B
Vanadium	0.206 B	0.475	MG/KG	SW6010B
Zinc	1.45	0.95	MG/KG	SW6010B
Acetone	793 J	2360	UG/KG	SW8260B
2-Chlorophenol	24600 J	37400	UG/KG	SW8270C
Phenol	168000 J	187000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

2507183

SAMPLE ID: NPP-TT-3DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	62200	142	MG/KG	SW6010B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507183

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample NPP-CARBON2DL1 was recovered below criteria for the following surrogates: 1,2-Dichloroethane-d4 at 0 % with criteria of (71-124), 4-Bromofluorobenzene at 0 % with criteria of (54-126), Dibromofluoromethane at 0 % with criteria of (68-119), Toluene d8 at 0 % with criteria of (59-127). All surrogates were diluted out due to the high dilution. No further action was taken. Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507183

Client: T N & Associates, Inc.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All samples were waste and were analyzed as high-level methanol dilutions of 1:50. Sample NPP-CARBON2 required an additional dilution of 1:1000 dilution due to high concentrations of the following analytes: 1,2,4-Trimethylbenzene, 1,2-Dichlorobenzene, 1,3,5-Trimethylbenzene, 4-Isopropyltoluene, Benzene, Chlorobenzene, Ethylbenzene, Isopropylbenzene (Cumene), n-Propylbenzene, o-Xylene, p,m-Xylene, Toluene. Both diluted runs are reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 07/19/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Method: 8260

EPA Sample No	Lab Sample ID
NPP-CARBON2	250718301
NPP-CARBON2DL1	250718301DL1
NPP-D26	250718302
NPP-D36	250718303
NPP-D44	250718304
NPP-TT-2	250718305
NPP-TT-3	250718306
NPP-DIKE 1	250718307

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301 Lab File ID: 18301.D

Sample wt/vol: 4.13 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1754

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	242	U
74-87-3	Chloromethane	242	U
75-01-4	Vinyl chloride	242	U
74-83-9	Bromomethane	242	U
75-00-3	Chloroethane	605	U
75-69-4	Trichlorofluoromethane	242	U
75-35-4	1,1-Dichloroethene	242	U
107-02-8	Acrolein	3030	U
74-88-4	Methyl iodide	242	U
75-15-0	Carbon disulfide	242	U
75-09-2	Methylene chloride	605	U
156-60-5	trans-1,2-Dichloroethene	242	U
107-13-1	Acrylonitrile	605	U
75-34-3	1,1-Dichloroethane	242	U
67-64-1	Acetone	1190	J
594-20-7	2,2-Dichloropropane	242	U
156-59-2	cis-1,2-Dichloroethene	242	U
74-97-5	Bromochloromethane	242	U
78-93-3	2-Butanone	1140	J
67-66-3	Chloroform	242	U
71-55-6	1,1,1-Trichloroethane	242	U
56-23-5	Carbon tetrachloride	242	U
563-58-6	1,1-Dichloropropene	242	U
71-43-2	Benzene	28500	E
107-06-2	1,2-Dichloroethane	242	U
79-01-6	Trichloroethene	242	U
108-05-4	Vinyl acetate	484	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-CARBON2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301 Lab File ID: 18301.D

Sample wt/vol: 4.13 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1754

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	242	U
74-95-3	Dibromomethane	242	U
75-27-4	Bromodichloromethane	242	U
10061-01-5	cis-1,3-Dichloropropene	242	U
108-10-1	4-Methyl-2-pentanone	17700	
108-88-3	Toluene	131000	E
10061-02-6	trans-1,3-Dichloropropene	242	U
79-00-5	1,1,2-Trichloroethane	242	U
127-18-4	Tetrachloroethene	3820	
142-28-9	1,3-Dichloropropane	242	U
591-78-6	2-Hexanone	484	U
124-48-1	Dibromochloromethane	242	U
106-93-4	1,2-Dibromoethane(EDB)	242	U
108-90-7	Chlorobenzene	45400	E
630-20-6	1,1,1,2-Tetrachloroethane	242	U
100-41-4	Ethylbenzene	75200	E
511-39-00	p,m-Xylene	135000	E
95-47-6	o-Xylene	43200	E
100-42-5	Styrene	242	U
75-25-2	Bromoform	605	U
98-82-8	Isopropylbenzene (Cumene)	14500	E
108-86-1	Bromobenzene	242	U
79-34-5	1,1,2,2-Tetrachloroethane	242	U
96-18-4	1,2,3-Trichloropropane	242	U
103-65-1	n-Propylbenzene	13500	E
95-49-8	2-Chlorotoluene	242	U
106-43-4	4-Chlorotoluene	242	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301 Lab File ID: 18301.D

Sample wt/vol: 4.13 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1754

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	18400	E
98-06-6	tert-Butylbenzene	242	U
95-63-6	1,2,4-Trimethylbenzene	41600	E
135-98-8	sec-Butylbenzene	3650	
541-73-1	1,3-Dichlorobenzene	242	U
106-46-7	1,4-Dichlorobenzene	242	U
99-87-6	4-Isopropyltoluene	78100	E
104-51-8	n-Butylbenzene	7700	
95-50-1	1,2-Dichlorobenzene	30700	E
96-12-8	1,2-Dibromo-3-chloropropane	1210	U
120-82-1	1,2,4-Trichlorobenzene	2410	
87-68-3	Hexachlorobutadiene	363	U
91-20-3	Naphthalene	6540	
87-61-6	1,2,3-Trichlorobenzene	435	
1634-04-4	MTBE	242	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON2DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301DL1 Lab File ID: 18301D.D

Sample wt/vol: 4.13 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1457

PercentSolids: 100 decanted : Dilution Factor: 1000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	4840	U
74-87-3	Chloromethane	4840	U
75-01-4	Vinyl chloride	4840	U
74-83-9	Bromomethane	4840	U
75-00-3	Chloroethane	12100	U
75-69-4	Trichlorofluoromethane	4840	U
75-35-4	1,1-Dichloroethene	4840	U
107-02-8	Acrolein	60500	U
74-88-4	Methyl iodide	4840	U
75-15-0	Carbon disulfide	4840	U
75-09-2	Methylene chloride	12100	U
156-60-5	trans-1,2-Dichloroethene	4840	U
107-13-1	Acrylonitrile	12100	U
75-34-3	1,1-Dichloroethane	4840	U
67-64-1	Acetone	24200	U
594-20-7	2,2-Dichloropropane	4840	U
156-59-2	cis-1,2-Dichloroethene	4840	U
74-97-5	Bromochloromethane	4840	U
78-93-3	2-Butanone	24200	U
67-66-3	Chloroform	4840	U
71-55-6	1,1,1-Trichloroethane	4840	U
56-23-5	Carbon tetrachloride	4840	U
563-58-6	1,1-Dichloropropene	4840	U
71-43-2	Benzene	22400	
107-06-2	1,2-Dichloroethane	4840	U
79-01-6	Trichloroethene	4840	U
108-05-4	Vinyl acetate	9680	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON2DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301DL1 Lab File ID: 18301D.D

Sample wt/vol: 4.13 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1457

PercentSolids: 100 decanted : Dilution Factor: 1000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	4840	U
74-95-3	Dibromomethane	4840	U
75-27-4	Bromodichloromethane	4840	U
10061-01-5	cis-1,3-Dichloropropene	4840	U
108-10-1	4-Methyl-2-pentanone	9280	J
108-88-3	Toluene	187000	
10061-02-6	trans-1,3-Dichloropropene	4840	U
79-00-5	1,1,2-Trichloroethane	4840	U
127-18-4	Tetrachloroethene	2860	J
142-28-9	1,3-Dichloropropane	4840	U
591-78-6	2-Hexanone	9680	U
124-48-1	Dibromochloromethane	4840	U
106-93-4	1,2-Dibromoethane(EDB)	4840	U
108-90-7	Chlorobenzene	34900	
630-20-6	1,1,1,2-Tetrachloroethane	4840	U
100-41-4	Ethylbenzene	56600	
511-39-00	p,m-Xylene	140000	
95-47-6	o-Xylene	36400	
100-42-5	Styrene	4840	U
75-25-2	Bromoform	12100	U
98-82-8	Isopropylbenzene (Cumene)	8200	
108-86-1	Bromobenzene	4840	U
79-34-5	1,1,2,2-Tetrachloroethane	4840	U
96-18-4	1,2,3-Trichloropropane	4840	U
103-65-1	n-Propylbenzene	10800	
95-49-8	2-Chlorotoluene	4840	U
106-43-4	4-Chlorotoluene	4840	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON2DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301DL1 Lab File ID: 18301D.D

Sample wt/vol: 4.13 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1457

PercentSolids: 100 decanted : Dilution Factor: 1000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	12900	
98-06-6	tert-Butylbenzene	4840	U
95-63-6	1,2,4-Trimethylbenzene	29700	
135-98-8	sec-Butylbenzene	2620	J
541-73-1	1,3-Dichlorobenzene	4840	U
106-46-7	1,4-Dichlorobenzene	4840	U
99-87-6	4-Isopropyltoluene	105000	
104-51-8	n-Butylbenzene	6570	
95-50-1	1,2-Dichlorobenzene	25600	
96-12-8	1,2-Dibromo-3-chloropropane	24200	U
120-82-1	1,2,4-Trichlorobenzene	4150	J
87-68-3	Hexachlorobutadiene	7260	U
91-20-3	Naphthalene	9900	
87-61-6	1,2,3-Trichlorobenzene	4840	U
1634-04-4	MTBE	4840	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718302 Lab File ID: 18302.D

Sample wt/vol: 4.19 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1431

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	239	U
74-87-3	Chloromethane	239	U
75-01-4	Vinyl chloride	239	U
74-83-9	Bromomethane	239	U
75-00-3	Chloroethane	597	U
75-69-4	Trichlorofluoromethane	239	U
75-35-4	1,1-Dichloroethene	239	U
107-02-8	Acrolein	2980	U
74-88-4	Methyl iodide	239	U
75-15-0	Carbon disulfide	239	U
75-09-2	Methylene chloride	597	U
156-60-5	trans-1,2-Dichloroethene	239	U
107-13-1	Acrylonitrile	597	U
75-34-3	1,1-Dichloroethane	239	U
67-64-1	Acetone	926	J
594-20-7	2,2-Dichloropropane	239	U
156-59-2	cis-1,2-Dichloroethene	239	U
74-97-5	Bromochloromethane	239	U
78-93-3	2-Butanone	1100	J
67-66-3	Chloroform	239	U
71-55-6	1,1,1-Trichloroethane	239	U
56-23-5	Carbon tetrachloride	239	U
563-58-6	1,1-Dichloropropene	239	U
71-43-2	Benzene	239	U
107-06-2	1,2-Dichloroethane	239	U
79-01-6	Trichloroethene	239	U
108-05-4	Vinyl acetate	477	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718302 Lab File ID: 18302.D

Sample wt/vol: 4.19 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1431

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	239	U
74-95-3	Dibromomethane	239	U
75-27-4	Bromodichloromethane	239	U
10061-01-5	cis-1,3-Dichloropropene	239	U
108-10-1	4-Methyl-2-pentanone	477	U
108-88-3	Toluene	239	U
10061-02-6	trans-1,3-Dichloropropene	239	U
79-00-5	1,1,2-Trichloroethane	239	U
127-18-4	Tetrachloroethene	597	U
142-28-9	1,3-Dichloropropane	239	U
591-78-6	2-Hexanone	477	U
124-48-1	Dibromochloromethane	239	U
106-93-4	1,2-Dibromoethane(EDB)	239	U
108-90-7	Chlorobenzene	239	U
630-20-6	1,1,1,2-Tetrachloroethane	239	U
100-41-4	Ethylbenzene	239	U
511-39-00	p,m-Xylene	378	J
95-47-6	o-Xylene	239	U
100-42-5	Styrene	239	U
75-25-2	Bromoform	597	U
98-82-8	Isopropylbenzene (Cumene)	239	U
108-86-1	Bromobenzene	239	U
79-34-5	1,1,2,2-Tetrachloroethane	239	U
96-18-4	1,2,3-Trichloropropane	239	U
103-65-1	n-Propylbenzene	239	U
95-49-8	2-Chlorotoluene	239	U
106-43-4	4-Chlorotoluene	239	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718302 Lab File ID: 18302.D

Sample wt/vol: 4.19 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1431

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	239	U
98-06-6	tert-Butylbenzene	239	U
95-63-6	1,2,4-Trimethylbenzene	239	U
135-98-8	sec-Butylbenzene	239	U
541-73-1	1,3-Dichlorobenzene	239	U
106-46-7	1,4-Dichlorobenzene	239	U
99-87-6	4-Isopropyltoluene	239	U
104-51-8	n-Butylbenzene	239	U
95-50-1	1,2-Dichlorobenzene	239	U
96-12-8	1,2-Dibromo-3-chloropropane	1190	U
120-82-1	1,2,4-Trichlorobenzene	239	U
87-68-3	Hexachlorobutadiene	358	U
91-20-3	Naphthalene	184	J
87-61-6	1,2,3-Trichlorobenzene	239	U
1634-04-4	MTBE	239	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303 Lab File ID: 18303.D

Sample wt/vol: 2.31 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1228

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	433	U
74-87-3	Chloromethane	433	U
75-01-4	Vinyl chloride	433	U
74-83-9	Bromomethane	433	U
75-00-3	Chloroethane	1080	U
75-69-4	Trichlorofluoromethane	433	U
75-35-4	1,1-Dichloroethene	433	U
107-02-8	Acrolein	5410	U
74-88-4	Methyl iodide	433	U
75-15-0	Carbon disulfide	433	U
75-09-2	Methylene chloride	1080	U
156-60-5	trans-1,2-Dichloroethene	433	U
107-13-1	Acrylonitrile	1080	U
75-34-3	1,1-Dichloroethane	433	U
67-64-1	Acetone	4870	
594-20-7	2,2-Dichloropropane	433	U
156-59-2	cis-1,2-Dichloroethene	433	U
74-97-5	Bromochloromethane	433	U
78-93-3	2-Butanone	2160	U
67-66-3	Chloroform	433	U
71-55-6	1,1,1-Trichloroethane	433	U
56-23-5	Carbon tetrachloride	433	U
563-58-6	1,1-Dichloropropene	433	U
71-43-2	Benzene	433	U
107-06-2	1,2-Dichloroethane	433	U
79-01-6	Trichloroethene	433	U
108-05-4	Vinyl acetate	866	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303 Lab File ID: 18303.D

Sample wt/vol: 2.31 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1228

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	433	U
74-95-3	Dibromomethane	433	U
75-27-4	Bromodichloromethane	433	U
10061-01-5	cis-1,3-Dichloropropene	433	U
108-10-1	4-Methyl-2-pentanone	866	U
108-88-3	Toluene	433	U
10061-02-6	trans-1,3-Dichloropropene	433	U
79-00-5	1,1,2-Trichloroethane	433	U
127-18-4	Tetrachloroethene	1080	U
142-28-9	1,3-Dichloropropane	433	U
591-78-6	2-Hexanone	866	U
124-48-1	Dibromochloromethane	433	U
106-93-4	1,2-Dibromoethane(EDB)	433	U
108-90-7	Chlorobenzene	433	U
630-20-6	1,1,1,2-Tetrachloroethane	433	U
100-41-4	Ethylbenzene	433	U
511-39-00	p,m-Xylene	866	U
95-47-6	o-Xylene	433	U
100-42-5	Styrene	433	U
75-25-2	Bromoform	1080	U
98-82-8	Isopropylbenzene (Cumene)	433	U
108-86-1	Bromobenzene	433	U
79-34-5	1,1,2,2-Tetrachloroethane	433	U
96-18-4	1,2,3-Trichloropropane	433	U
103-65-1	n-Propylbenzene	433	U
95-49-8	2-Chlorotoluene	433	U
106-43-4	4-Chlorotoluene	433	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303 Lab File ID: 18303.D

Sample wt/vol: 2.31 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1228

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	433	U
98-06-6	tert-Butylbenzene	433	U
95-63-6	1,2,4-Trimethylbenzene	433	U
135-98-8	sec-Butylbenzene	433	U
541-73-1	1,3-Dichlorobenzene	433	U
106-46-7	1,4-Dichlorobenzene	433	U
99-87-6	4-Isopropyltoluene	433	U
104-51-8	n-Butylbenzene	433	U
95-50-1	1,2-Dichlorobenzene	433	U
96-12-8	1,2-Dibromo-3-chloropropane	2160	U
120-82-1	1,2,4-Trichlorobenzene	433	U
87-68-3	Hexachlorobutadiene	649	U
91-20-3	Naphthalene	259	J
87-61-6	1,2,3-Trichlorobenzene	433	U
1634-04-4	MTBE	433	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718304 Lab File ID: 18304.D

Sample wt/vol: 1.17 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1253

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	855	U
74-87-3	Chloromethane	855	U
75-01-4	Vinyl chloride	855	U
74-83-9	Bromomethane	855	U
75-00-3	Chloroethane	2140	U
75-69-4	Trichlorofluoromethane	855	U
75-35-4	1,1-Dichloroethene	855	U
107-02-8	Acrolein	10700	U
74-88-4	Methyl iodide	855	U
75-15-0	Carbon disulfide	855	U
75-09-2	Methylene chloride	2140	U
156-60-5	trans-1,2-Dichloroethene	855	U
107-13-1	Acrylonitrile	2140	U
75-34-3	1,1-Dichloroethane	855	U
67-64-1	Acetone	4270	U
594-20-7	2,2-Dichloropropane	855	U
156-59-2	cis-1,2-Dichloroethene	855	U
74-97-5	Bromochloromethane	855	U
78-93-3	2-Butanone	4270	U
67-66-3	Chloroform	855	U
71-55-6	1,1,1-Trichloroethane	855	U
56-23-5	Carbon tetrachloride	855	U
563-58-6	1,1-Dichloropropene	855	U
71-43-2	Benzene	855	U
107-06-2	1,2-Dichloroethane	855	U
79-01-6	Trichloroethene	855	U
108-05-4	Vinyl acetate	1710	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718304 Lab File ID: 18304.D

Sample wt/vol: 1.17 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1253

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	855	U
74-95-3	Dibromomethane	855	U
75-27-4	Bromodichloromethane	855	U
10061-01-5	cis-1,3-Dichloropropene	855	U
108-10-1	4-Methyl-2-pentanone	1710	U
108-88-3	Toluene	677	J
10061-02-6	trans-1,3-Dichloropropene	855	U
79-00-5	1,1,2-Trichloroethane	855	U
127-18-4	Tetrachloroethene	2140	U
142-28-9	1,3-Dichloropropane	855	U
591-78-6	2-Hexanone	1710	U
124-48-1	Dibromochloromethane	855	U
106-93-4	1,2-Dibromoethane(EDB)	855	U
108-90-7	Chlorobenzene	855	U
630-20-6	1,1,1,2-Tetrachloroethane	855	U
100-41-4	Ethylbenzene	855	U
511-39-00	p,m-Xylene	600	J
95-47-6	o-Xylene	855	U
100-42-5	Styrene	855	U
75-25-2	Bromoform	2140	U
98-82-8	Isopropylbenzene (Cumene)	855	U
108-86-1	Bromobenzene	855	U
79-34-5	1,1,2,2-Tetrachloroethane	855	U
96-18-4	1,2,3-Trichloropropane	855	U
103-65-1	n-Propylbenzene	855	U
95-49-8	2-Chlorotoluene	855	U
106-43-4	4-Chlorotoluene	855	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718304 Lab File ID: 18304.D

Sample wt/vol: 1.17 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1253

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	855	U
98-06-6	tert-Butylbenzene	855	U
95-63-6	1,2,4-Trimethylbenzene	569	J
135-98-8	sec-Butylbenzene	855	U
541-73-1	1,3-Dichlorobenzene	855	U
106-46-7	1,4-Dichlorobenzene	855	U
99-87-6	4-Isopropyltoluene	855	U
104-51-8	n-Butylbenzene	855	U
95-50-1	1,2-Dichlorobenzene	855	U
96-12-8	1,2-Dibromo-3-chloropropane	4270	U
120-82-1	1,2,4-Trichlorobenzene	855	U
87-68-3	Hexachlorobutadiene	1280	U
91-20-3	Naphthalene	855	U
87-61-6	1,2,3-Trichlorobenzene	855	U
1634-04-4	MTBE	855	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718305 Lab File ID: 18305.D

Sample wt/vol: 1.63 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1318

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	613	U
74-87-3	Chloromethane	613	U
75-01-4	Vinyl chloride	613	U
74-83-9	Bromomethane	613	U
75-00-3	Chloroethane	1530	U
75-69-4	Trichlorofluoromethane	613	U
75-35-4	1,1-Dichloroethene	613	U
107-02-8	Acrolein	7670	U
74-88-4	Methyl iodide	613	U
75-15-0	Carbon disulfide	613	U
75-09-2	Methylene chloride	1530	U
156-60-5	trans-1,2-Dichloroethene	613	U
107-13-1	Acrylonitrile	1530	U
75-34-3	1,1-Dichloroethane	613	U
67-64-1	Acetone	2160	J
594-20-7	2,2-Dichloropropane	613	U
156-59-2	cis-1,2-Dichloroethene	613	U
74-97-5	Bromochloromethane	613	U
78-93-3	2-Butanone	1230	J
67-66-3	Chloroform	613	U
71-55-6	1,1,1-Trichloroethane	613	U
56-23-5	Carbon tetrachloride	613	U
563-58-6	1,1-Dichloropropene	613	U
71-43-2	Benzene	453	J
107-06-2	1,2-Dichloroethane	613	U
79-01-6	Trichloroethene	613	U
108-05-4	Vinyl acetate	1230	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718305 Lab File ID: 18305.D

Sample wt/vol: 1.63 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1318

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	613	U
74-95-3	Dibromomethane	613	U
75-27-4	Bromodichloromethane	613	U
10061-01-5	cis-1,3-Dichloropropene	613	U
108-10-1	4-Methyl-2-pentanone	1230	U
108-88-3	Toluene	613	U
10061-02-6	trans-1,3-Dichloropropene	613	U
79-00-5	1,1,2-Trichloroethane	613	U
127-18-4	Tetrachloroethene	1530	U
142-28-9	1,3-Dichloropropane	613	U
591-78-6	2-Hexanone	1230	U
124-48-1	Dibromochloromethane	613	U
106-93-4	1,2-Dibromoethane(EDB)	613	U
108-90-7	Chlorobenzene	613	U
630-20-6	1,1,1,2-Tetrachloroethane	613	U
100-41-4	Ethylbenzene	613	U
511-39-00	p,m-Xylene	643	J
95-47-6	o-Xylene	613	U
100-42-5	Styrene	613	U
75-25-2	Bromoform	1530	U
98-82-8	Isopropylbenzene (Cumene)	613	U
108-86-1	Bromobenzene	613	U
79-34-5	1,1,2,2-Tetrachloroethane	613	U
96-18-4	1,2,3-Trichloropropane	613	U
103-65-1	n-Propylbenzene	613	U
95-49-8	2-Chlorotoluene	613	U
106-43-4	4-Chlorotoluene	613	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718305 Lab File ID: 18305.D

Sample wt/vol: 1.63 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1318

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	613	U
98-06-6	tert-Butylbenzene	613	U
95-63-6	1,2,4-Trimethylbenzene	613	U
135-98-8	sec-Butylbenzene	613	U
541-73-1	1,3-Dichlorobenzene	613	U
106-46-7	1,4-Dichlorobenzene	613	U
99-87-6	4-Isopropyltoluene	613	U
104-51-8	n-Butylbenzene	613	U
95-50-1	1,2-Dichlorobenzene	613	U
96-12-8	1,2-Dibromo-3-chloropropane	3070	U
120-82-1	1,2,4-Trichlorobenzene	613	U
87-68-3	Hexachlorobutadiene	920	U
91-20-3	Naphthalene	440	J
87-61-6	1,2,3-Trichlorobenzene	613	U
1634-04-4	MTBE	613	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718306 Lab File ID: 18306.D

Sample wt/vol: 2.12 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1341

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	472	U
74-87-3	Chloromethane	472	U
75-01-4	Vinyl chloride	472	U
74-83-9	Bromomethane	472	U
75-00-3	Chloroethane	1180	U
75-69-4	Trichlorofluoromethane	472	U
75-35-4	1,1-Dichloroethene	472	U
107-02-8	Acrolein	5900	U
74-88-4	Methyl iodide	472	U
75-15-0	Carbon disulfide	472	U
75-09-2	Methylene chloride	1180	U
156-60-5	trans-1,2-Dichloroethene	472	U
107-13-1	Acrylonitrile	1180	U
75-34-3	1,1-Dichloroethane	472	U
67-64-1	Acetone	793	J
594-20-7	2,2-Dichloropropane	472	U
156-59-2	cis-1,2-Dichloroethene	472	U
74-97-5	Bromochloromethane	472	U
78-93-3	2-Butanone	2360	U
67-66-3	Chloroform	472	U
71-55-6	1,1,1-Trichloroethane	472	U
56-23-5	Carbon tetrachloride	472	U
563-58-6	1,1-Dichloropropene	472	U
71-43-2	Benzene	472	U
107-06-2	1,2-Dichloroethane	472	U
79-01-6	Trichloroethene	472	U
108-05-4	Vinyl acetate	943	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718306 Lab File ID: 18306.D

Sample wt/vol: 2.12 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1341

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	472	U
74-95-3	Dibromomethane	472	U
75-27-4	Bromodichloromethane	472	U
10061-01-5	cis-1,3-Dichloropropene	472	U
108-10-1	4-Methyl-2-pentanone	943	U
108-88-3	Toluene	472	U
10061-02-6	trans-1,3-Dichloropropene	472	U
79-00-5	1,1,2-Trichloroethane	472	U
127-18-4	Tetrachloroethene	1180	U
142-28-9	1,3-Dichloropropane	472	U
591-78-6	2-Hexanone	943	U
124-48-1	Dibromochloromethane	472	U
106-93-4	1,2-Dibromoethane(EDB)	472	U
108-90-7	Chlorobenzene	472	U
630-20-6	1,1,1,2-Tetrachloroethane	472	U
100-41-4	Ethylbenzene	472	U
511-39-00	p,m-Xylene	943	U
95-47-6	o-Xylene	472	U
100-42-5	Styrene	472	U
75-25-2	Bromoform	1180	U
98-82-8	Isopropylbenzene (Cumene)	472	U
108-86-1	Bromobenzene	472	U
79-34-5	1,1,2,2-Tetrachloroethane	472	U
96-18-4	1,2,3-Trichloropropane	472	U
103-65-1	n-Propylbenzene	472	U
95-49-8	2-Chlorotoluene	472	U
106-43-4	4-Chlorotoluene	472	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718306 Lab File ID: 18306.D

Sample wt/vol: 2.12 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1341

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	472	U
98-06-6	tert-Butylbenzene	472	U
95-63-6	1,2,4-Trimethylbenzene	472	U
135-98-8	sec-Butylbenzene	472	U
541-73-1	1,3-Dichlorobenzene	472	U
106-46-7	1,4-Dichlorobenzene	472	U
99-87-6	4-Isopropyltoluene	472	U
104-51-8	n-Butylbenzene	472	U
95-50-1	1,2-Dichlorobenzene	472	U
96-12-8	1,2-Dibromo-3-chloropropane	2360	U
120-82-1	1,2,4-Trichlorobenzene	472	U
87-68-3	Hexachlorobutadiene	708	U
91-20-3	Naphthalene	472	U
87-61-6	1,2,3-Trichlorobenzene	472	U
1634-04-4	MTBE	472	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-DIKE 1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718307 Lab File ID: 18307.D

Sample wt/vol: 1.38 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1406

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	725	U
74-87-3	Chloromethane	725	U
75-01-4	Vinyl chloride	725	U
74-83-9	Bromomethane	725	U
75-00-3	Chloroethane	1810	U
75-69-4	Trichlorofluoromethane	725	U
75-35-4	1,1-Dichloroethene	725	U
107-02-8	Acrolein	9060	U
74-88-4	Methyl iodide	725	U
75-15-0	Carbon disulfide	725	U
75-09-2	Methylene chloride	1810	U
156-60-5	trans-1,2-Dichloroethene	725	U
107-13-1	Acrylonitrile	1810	U
75-34-3	1,1-Dichloroethane	725	U
67-64-1	Acetone	3560	J
594-20-7	2,2-Dichloropropane	725	U
156-59-2	cis-1,2-Dichloroethene	725	U
74-97-5	Bromochloromethane	725	U
78-93-3	2-Butanone	2540	J
67-66-3	Chloroform	725	U
71-55-6	1,1,1-Trichloroethane	725	U
56-23-5	Carbon tetrachloride	725	U
563-58-6	1,1-Dichloropropene	725	U
71-43-2	Benzene	725	U
107-06-2	1,2-Dichloroethane	725	U
79-01-6	Trichloroethene	725	U
108-05-4	Vinyl acetate	1450	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-DIKE 1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718307 Lab File ID: 18307.D

Sample wt/vol: 1.38 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1406

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	725	U
74-95-3	Dibromomethane	725	U
75-27-4	Bromodichloromethane	725	U
10061-01-5	cis-1,3-Dichloropropene	725	U
108-10-1	4-Methyl-2-pentanone	1450	U
108-88-3	Toluene	1280	
10061-02-6	trans-1,3-Dichloropropene	725	U
79-00-5	1,1,2-Trichloroethane	725	U
127-18-4	Tetrachloroethene	1810	U
142-28-9	1,3-Dichloropropane	725	U
591-78-6	2-Hexanone	1450	U
124-48-1	Dibromochloromethane	725	U
106-93-4	1,2-Dibromoethane(EDB)	725	U
108-90-7	Chlorobenzene	725	U
630-20-6	1,1,1,2-Tetrachloroethane	725	U
100-41-4	Ethylbenzene	725	U
511-39-00	p,m-Xylene	1780	
95-47-6	o-Xylene	322	J
100-42-5	Styrene	725	U
75-25-2	Bromoform	1810	U
98-82-8	Isopropylbenzene (Cumene)	725	U
108-86-1	Bromobenzene	725	U
79-34-5	1,1,2,2-Tetrachloroethane	725	U
96-18-4	1,2,3-Trichloropropane	725	U
103-65-1	n-Propylbenzene	725	U
95-49-8	2-Chlorotoluene	725	U
106-43-4	4-Chlorotoluene	725	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-DIKE 1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718307 Lab File ID: 18307.D

Sample wt/vol: 1.38 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1406

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	725	U
98-06-6	tert-Butylbenzene	725	U
95-63-6	1,2,4-Trimethylbenzene	518	J
135-98-8	sec-Butylbenzene	725	U
541-73-1	1,3-Dichlorobenzene	725	U
106-46-7	1,4-Dichlorobenzene	725	U
99-87-6	4-Isopropyltoluene	725	U
104-51-8	n-Butylbenzene	725	U
95-50-1	1,2-Dichlorobenzene	725	U
96-12-8	1,2-Dibromo-3-chloropropane	3620	U
120-82-1	1,2,4-Trichlorobenzene	725	U
87-68-3	Hexachlorobutadiene	1090	U
91-20-3	Naphthalene	1210	
87-61-6	1,2,3-Trichlorobenzene	725	U
1634-04-4	MTBE	725	U

QC Summary

240707 1338

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071807BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 071807BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 07/18/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1015

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071807BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 071807BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 07/18/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1015

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 071807BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 071807BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 07/18/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 07/18/07 Time: 1015

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

071807LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507183

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	2270	114.0		30.0	45 - 128
Chloromethane	2000	2080	104.0		30.0	70 - 130
Vinyl chloride	2000	1870	93.5		30.0	70 - 130
Bromomethane	2000	2180	109.0		30.0	39 - 148
Chloroethane	2000	1870	93.5		30.0	55 - 139
Trichlorofluoromethane	2000	1980	99.0		30.0	70 - 130
1,1-Dichloroethene	2000	1920	96.0		30.0	70 - 130
Acrolein	6000	5940	99.0		30.0	69 - 130
Methyl iodide	2000	1960	98.0		30.0	55 - 133
Carbon disulfide	2000	1840	92.0		30.0	65 - 130
Methylene chloride	2000	1980	99.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2010	100.0		30.0	70 - 130
Acrylonitrile	6000	5960	99.3		30.0	70 - 130
1,1-Dichloroethane	2000	2040	102.0		30.0	70 - 130
Acetone	6000	4660	77.7		30.0	58 - 133
2,2-Dichloropropane	2000	2040	102.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2070	104.0		30.0	70 - 130
Bromochloromethane	2000	2040	102.0		30.0	70 - 130
2-Butanone	6000	6410	107.0		30.0	70 - 130
Chloroform	2000	2030	102.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2200	110.0		30.0	70 - 130
Carbon tetrachloride	2000	2170	108.0		30.0	70 - 130
1,1-Dichloropropene	2000	2000	100.0		30.0	70 - 130
Benzene	2000	2050	102.0		30.0	70 - 130
1,2-Dichloroethane	2000	2110	106.0		30.0	70 - 130
Trichloroethene	2000	2200	110.0		30.0	70 - 130
Vinyl acetate	2000	1920	96.0		30.0	70 - 130
1,2-Dichloropropane	2000	2040	102.0		30.0	70 - 130
Dibromomethane	2000	2020	101.0		30.0	70 - 130
Bromodichloromethane	2000	2070	104.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2040	102.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6060	101.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

240707 1338

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 071807LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507183

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2230	112.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2080	104.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2090	104.0		30.0	70 - 130
Tetrachloroethene	2000	2010	100.0		30.0	70 - 130
1,3-Dichloropropane	2000	1990	99.5		30.0	70 - 130
2-Hexanone	6000	6220	104.0		30.0	70 - 130
Dibromochloromethane	2000	2040	102.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2180	109.0		30.0	70 - 130
Chlorobenzene	2000	2120	106.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2090	104.0		30.0	70 - 130
Ethylbenzene	2000	2120	106.0		30.0	70 - 130
p,m-Xylene	4000	4170	104.0		30.0	70 - 130
o-Xylene	2000	2090	104.0		30.0	70 - 130
Styrene	2000	2070	104.0		30.0	70 - 130
Bromoform	2000	2030	102.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1990	99.5		30.0	70 - 130
Bromobenzene	2000	2040	102.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1990	99.5		30.0	70 - 130
1,2,3-Trichloropropane	2000	2120	106.0		30.0	70 - 130
n-Propylbenzene	2000	2020	101.0		30.0	70 - 130
2-Chlorotoluene	2000	2090	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2060	103.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2030	102.0		30.0	70 - 130
tert-Butylbenzene	2000	2170	108.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2090	104.0		30.0	70 - 130
sec-Butylbenzene	2000	2060	103.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2130	106.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	2080	104.0		30.0	70 - 130
4-Isopropyltoluene	2000	2050	102.0		30.0	70 - 130
n-Butylbenzene	2000	2070	104.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2070	104.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2370	118.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

240707 1338

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

071807LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	2280	114.0		30.0	65 - 130
Hexachlorobutadiene	2000	2080	104.0		30.0	70 - 130
Naphthalene	2000	2250	112.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2330	116.0		30.0	70 - 130
MTBE	2000	2100	105.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

240707 1338

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

240707 1338

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507183

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3580A for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 4-Nitrophenol.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

PEL Lab Reference No./SDG: 2507183

Client: T N & Associates, Inc.

Sample NPP-CARBON2 was recovered below criteria for the following surrogate(s): Phenol-d5 at 0 % with criteria of (24-113).

Sample NPP-D26 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-D44 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-DIKE 1 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-TT-2 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-TT-3 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Samples coded accordingly. The most probable cause for surrogate variances is matrix interference.

The following samples had surrogates that were diluted out: NPP-D36DL1

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3220LCS was analyzed with the soil samples extracted on 07/23/07. The following analyte(s) were recovered below criteria: 2,4-Dinitrophenol at 21 % with criteria of (29-130), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), and the following analyte(s) were recovered above criteria: 1,2-Dichlorobenzene at 95.6 % with criteria of (65-95), 4-Chloroaniline at 96.2 % with criteria of (57-95). The following analyte(s) had marginal exceedance limit failures: Benzyl alcohol at 46.8 % with criteria of (53.8-135.2).

LCS 3220LCSD was analyzed with the soil samples extracted on 07/23/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), Benzyl alcohol at 53.9 % with criteria of (64-125). and the following analyte(s) were recovered above criteria: 1,3-Dichlorobenzene at 103 % with criteria of (67-100), 2-Methylnaphthalene at 106 % with criteria of (72-105), N-Nitrosodiphenylamine at 116 % with criteria of (77-115). The following analyte(s) exceeded RPD criteria: 2,4-Dinitrophenol at 38.7 % with criteria of (30). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 101 % with criteria of (60-100), 4-Chloroaniline at 102 % with criteria of (50.7-101.3).

PEL Lab Reference No./SDG: 2507183

Client: T N & Associates, Inc.

Samples coded accordingly. Since all other criteria were met, no further action was taken.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
Sample NPP-D36 required a 1:10 dilution due to high concentration of the following analyte(s): Phenol. Both full and diluted runs are reported.

Samples were prepared by waste dilution and brought to a final volume of 10mL.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 07/24/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Method: 8270

EPA Sample No	Lab Sample ID
NPP-CARBON2	250718301
NPP-D26	250718302
NPP-D36	250718303
NPP-D36DL1	250718303DL1
NPP-D44	250718304
NPP-TT-2	250718305
NPP-TT-3	250718306
NPP-DIKE 1	250718307

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Sample Data

240707 1338

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-CARBON2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301 Lab File ID: 183-1.D

Sample wt/vol: 1.05 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1843

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	38100	U
62-53-3	Aniline	38100	U
111-44-4	Bis(2-Chloroethyl)ether	38100	U
108-95-2	Phenol	190000	U
95-57-8	2-Chlorophenol	38100	U
541-73-1	1,3-Dichlorobenzene	38100	U
106-46-7	1,4-Dichlorobenzene	38100	U
95-50-1	1,2-Dichlorobenzene	38100	U
100-51-6	Benzyl alcohol	95300	U
108-60-1	2,2-Oxybis(1-chloropropane)	38600	U
95-48-7	2-Methylphenol (o-Cresol)	38100	U
67-72-1	Hexachloroethane	38600	U
621-64-7	N-Nitroso-di-n-propylamine	38100	U
106-44-5	4-Methylphenol	38100	U
98-95-3	Nitrobenzene	38100	U
78-59-1	Isophorone	38100	U
88-75-5	2-Nitrophenol	38100	U
105-67-9	2,4-Dimethylphenol	38100	U
65-85-0	Benzoic acid	190000	U
111-91-1	Bis(2-Chloroethoxy)methane	38100	U
120-83-2	2,4-Dichlorophenol	38100	U
120-82-1	1,2,4-Trichlorobenzene	10800	J
91-20-3	Naphthalene	24700	J
106-47-8	4-Chloroaniline	38100	U
91-57-6	2-Methylnaphthalene	12600	J
87-68-3	Hexachlorobutadiene	38100	U
59-50-7	4-Chloro-3-methylphenol	38100	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301 Lab File ID: 183-1.D

Sample wt/vol: 1.05 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1843

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	6970	J
77-47-4	Hexachlorocyclopentadiene	95300	U
88-06-2	2,4,6-Trichlorophenol	38100	U
95-95-4	2,4,5-Trichlorophenol	38100	U
91-58-7	2-Chloronaphthalene	38600	U
88-74-4	2-Nitroaniline	38100	U
208-96-8	Acenaphthylene	38100	U
131-11-3	Dimethyl-phthalate	38100	U
606-20-2	2,6-Dinitrotoluene	38100	U
83-32-9	Acenaphthene	38100	U
99-09-2	3-Nitroaniline	38100	U
51-28-5	2,4-Dinitrophenol	191000	U
132-64-9	Dibenzofuran	38100	U
121-14-2	2,4-Dinitrotoluene	38100	U
100-02-7	4-Nitrophenol	95300	U
86-73-7	Fluorene	38100	U
7005-72-3	4-Chlorophenyl-phenylether	38100	U
84-66-2	Diethylphthalate	38100	U
100-01-6	4-Nitroaniline	38100	U
534-52-1	2-Methyl-4,6-dinitrophenol	190000	U
86-30-6	N-Nitrosodiphenylamine	38100	U
101-55-3	4-Bromophenyl-phenylether	38100	U
118-74-1	Hexachlorobenzene	38100	U
87-86-5	Pentachlorophenol	190000	U
85-01-8	Phenanthrene	38100	U
120-12-7	Anthracene	38100	U
84-74-2	Di-n-butylphthalate	38100	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301 Lab File ID: 183-1.D

Sample wt/vol: 1.05 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1843

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	38100	U
129-00-0	Pyrene	38100	U
92-87-5	Benzidine	95700	U
85-68-7	Butylbenzylphthalate	38100	U
91-94-1	3,3'-Dichlorobenzidine	38100	U
56-55-3	Benzo(a)anthracene	38100	U
218-01-9	Chrysene	38100	U
117-81-7	bis(2-ethylhexyl)phthalate	38100	U
117-84-0	Di-n-octylphthalate	38100	U
205-99-2	Benzo(b)fluoranthene	38100	U
207-08-9	Benzo(k)fluoranthene	38100	U
50-32-8	Benzo(a)pyrene	38100	U
193-39-5	Indeno(1,2,3-cd)pyrene	38100	U
53-70-3	Dibenz(a,h)anthracene	38100	U
191-24-2	Benzo(g,h,i)perylene	38100	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718302 Lab File ID: 183-2.D

Sample wt/vol: 1.1 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1912

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	36400	U
62-53-3	Aniline	36400	U
111-44-4	Bis(2-Chloroethyl)ether	36400	U
108-95-2	Phenol	446000	
95-57-8	2-Chlorophenol	36400	U
541-73-1	1,3-Dichlorobenzene	36400	U
106-46-7	1,4-Dichlorobenzene	36400	U
95-50-1	1,2-Dichlorobenzene	36400	U
100-51-6	Benzyl alcohol	91000	U
108-60-1	2,2-Oxybis(1-chloropropane)	36800	U
95-48-7	2-Methylphenol (o-Cresol)	36400	U
67-72-1	Hexachloroethane	36800	U
621-64-7	N-Nitroso-di-n-propylamine	36400	U
106-44-5	4-Methylphenol	36400	U
98-95-3	Nitrobenzene	36400	U
78-59-1	Isophorone	36400	U
88-75-5	2-Nitrophenol	36400	U
105-67-9	2,4-Dimethylphenol	13600	J
65-85-0	Benzoic acid	182000	U
111-91-1	Bis(2-Chloroethoxy)methane	36400	U
120-83-2	2,4-Dichlorophenol	36400	U
120-82-1	1,2,4-Trichlorobenzene	36400	U
91-20-3	Naphthalene	36400	U
106-47-8	4-Chloroaniline	36400	U
91-57-6	2-Methylnaphthalene	36400	U
87-68-3	Hexachlorobutadiene	36400	U
59-50-7	4-Chloro-3-methylphenol	36400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718302 Lab File ID: 183-2.D

Sample wt/vol: 1.1 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1912

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	36400	U
77-47-4	Hexachlorocyclopentadiene	91000	U
88-06-2	2,4,6-Trichlorophenol	36400	U
95-95-4	2,4,5-Trichlorophenol	36400	U
91-58-7	2-Chloronaphthalene	36800	U
88-74-4	2-Nitroaniline	36400	U
208-96-8	Acenaphthylene	36400	U
131-11-3	Dimethyl-phthalate	36400	U
606-20-2	2,6-Dinitrotoluene	36400	U
83-32-9	Acenaphthene	36400	U
99-09-2	3-Nitroaniline	36400	U
51-28-5	2,4-Dinitrophenol	183000	U
132-64-9	Dibenzofuran	36400	U
121-14-2	2,4-Dinitrotoluene	36400	U
100-02-7	4-Nitrophenol	91000	U
86-73-7	Fluorene	36400	U
7005-72-3	4-Chlorophenyl-phenylether	36400	U
84-66-2	Diethylphthalate	36400	U
100-01-6	4-Nitroaniline	36400	U
534-52-1	2-Methyl-4,6-dinitrophenol	182000	U
86-30-6	N-Nitrosodiphenylamine	36400	U
101-55-3	4-Bromophenyl-phenylether	36400	U
118-74-1	Hexachlorobenzene	36400	U
87-86-5	Pentachlorophenol	182000	U
85-01-8	Phenanthrene	36400	U
120-12-7	Anthracene	36400	U
84-74-2	Di-n-butylphthalate	36400	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718302 Lab File ID: 183-2.D

Sample wt/vol: 1.1 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1912

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	36400	U
129-00-0	Pyrene	36400	U
92-87-5	Benzidine	91400	U
85-68-7	Butylbenzylphthalate	36400	U
91-94-1	3,3'-Dichlorobenzidine	36400	U
56-55-3	Benzo(a)anthracene	36400	U
218-01-9	Chrysene	36400	U
117-81-7	bis(2-ethylhexyl)phthalate	36400	U
117-84-0	Di-n-octylphthalate	36400	U
205-99-2	Benzo(b)fluoranthene	36400	U
207-08-9	Benzo(k)fluoranthene	36400	U
50-32-8	Benzo(a)pyrene	36400	U
193-39-5	Indeno(1,2,3-cd)pyrene	36400	U
53-70-3	Dibenz(a,h)anthracene	36400	U
191-24-2	Benzo(g,h,i)perylene	36400	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303 Lab File ID: 183-3.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1941

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	38500	U
62-53-3	Aniline	38500	U
111-44-4	Bis(2-Chloroethyl)ether	38500	U
108-95-2	Phenol	5090000	E
95-57-8	2-Chlorophenol	38500	U
541-73-1	1,3-Dichlorobenzene	38500	U
106-46-7	1,4-Dichlorobenzene	38500	U
95-50-1	1,2-Dichlorobenzene	38500	U
100-51-6	Benzyl alcohol	96200	U
108-60-1	2,2-Oxybis(1-chloropropane)	38900	U
95-48-7	2-Methylphenol (o-Cresol)	38500	U
67-72-1	Hexachloroethane	38900	U
621-64-7	N-Nitroso-di-n-propylamine	38500	U
106-44-5	4-Methylphenol	38500	U
98-95-3	Nitrobenzene	38500	U
78-59-1	Isophorone	38500	U
88-75-5	2-Nitrophenol	38500	U
105-67-9	2,4-Dimethylphenol	38500	U
65-85-0	Benzoic acid	192000	U
111-91-1	Bis(2-Chloroethoxy)methane	38500	U
120-83-2	2,4-Dichlorophenol	38500	U
120-82-1	1,2,4-Trichlorobenzene	38500	U
91-20-3	Naphthalene	38500	U
106-47-8	4-Chloroaniline	38500	U
91-57-6	2-Methylnaphthalene	38500	U
87-68-3	Hexachlorobutadiene	38500	U
59-50-7	4-Chloro-3-methylphenol	38500	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303 Lab File ID: 183-3.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1941

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	38500	U
77-47-4	Hexachlorocyclopentadiene	96200	U
88-06-2	2,4,6-Trichlorophenol	38500	U
95-95-4	2,4,5-Trichlorophenol	38500	U
91-58-7	2-Chloronaphthalene	38900	U
88-74-4	2-Nitroaniline	38500	U
208-96-8	Acenaphthylene	38500	U
131-11-3	Dimethyl-phthalate	38500	U
606-20-2	2,6-Dinitrotoluene	38500	U
83-32-9	Acenaphthene	38500	U
99-09-2	3-Nitroaniline	38500	U
51-28-5	2,4-Dinitrophenol	193000	U
132-64-9	Dibenzofuran	38500	U
121-14-2	2,4-Dinitrotoluene	38500	U
100-02-7	4-Nitrophenol	96200	U
86-73-7	Fluorene	38500	U
7005-72-3	4-Chlorophenyl-phenylether	38500	U
84-66-2	Diethylphthalate	38500	U
100-01-6	4-Nitroaniline	38500	U
534-52-1	2-Methyl-4,6-dinitrophenol	192000	U
86-30-6	N-Nitrosodiphenylamine	38500	U
101-55-3	4-Bromophenyl-phenylether	38500	U
118-74-1	Hexachlorobenzene	38500	U
87-86-5	Pentachlorophenol	192000	U
85-01-8	Phenanthrene	38500	U
120-12-7	Anthracene	38500	U
84-74-2	Di-n-butylphthalate	38500	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303 Lab File ID: 183-3.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1941

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	38500	U
129-00-0	Pyrene	38500	U
92-87-5	Benzidine	96600	U
85-68-7	Butylbenzylphthalate	38500	U
91-94-1	3,3'-Dichlorobenzidine	38500	U
56-55-3	Benzo(a)anthracene	38500	U
218-01-9	Chrysene	38500	U
117-81-7	bis(2-ethylhexyl)phthalate	38500	U
117-84-0	Di-n-octylphthalate	38500	U
205-99-2	Benzo(b)fluoranthene	38500	U
207-08-9	Benzo(k)fluoranthene	38500	U
50-32-8	Benzo(a)pyrene	38500	U
193-39-5	Indeno(1,2,3-cd)pyrene	38500	U
53-70-3	Dibenz(a,h)anthracene	38500	U
191-24-2	Benzo(g,h,i)perylene	38500	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D36DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303DL1 Lab File ID: 183-3D10.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2011

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	385000	U
62-53-3	Aniline	385000	U
111-44-4	Bis(2-Chloroethyl)ether	385000	U
108-95-2	Phenol	5490000	
95-57-8	2-Chlorophenol	385000	U
541-73-1	1,3-Dichlorobenzene	385000	U
106-46-7	1,4-Dichlorobenzene	385000	U
95-50-1	1,2-Dichlorobenzene	385000	U
100-51-6	Benzyl alcohol	962000	U
108-60-1	2,2-Oxybis(1-chloropropane)	389000	U
95-48-7	2-Methylphenol (o-Cresol)	385000	U
67-72-1	Hexachloroethane	389000	U
621-64-7	N-Nitroso-di-n-propylamine	385000	U
106-44-5	4-Methylphenol	385000	U
98-95-3	Nitrobenzene	385000	U
78-59-1	Isophorone	385000	U
88-75-5	2-Nitrophenol	385000	U
105-67-9	2,4-Dimethylphenol	385000	U
65-85-0	Benzoic acid	1920000	U
111-91-1	Bis(2-Chloroethoxy)methane	385000	U
120-83-2	2,4-Dichlorophenol	385000	U
120-82-1	1,2,4-Trichlorobenzene	385000	U
91-20-3	Naphthalene	385000	U
106-47-8	4-Chloroaniline	385000	U
91-57-6	2-Methylnaphthalene	385000	U
87-68-3	Hexachlorobutadiene	385000	U
59-50-7	4-Chloro-3-methylphenol	385000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D36DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303DL1 Lab File ID: 183-3D10.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2011

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	385000	U
77-47-4	Hexachlorocyclopentadiene	962000	U
88-06-2	2,4,6-Trichlorophenol	385000	U
95-95-4	2,4,5-Trichlorophenol	385000	U
91-58-7	2-Chloronaphthalene	389000	U
88-74-4	2-Nitroaniline	385000	U
208-96-8	Acenaphthylene	385000	U
131-11-3	Dimethyl-phthalate	385000	U
606-20-2	2,6-Dinitrotoluene	385000	U
83-32-9	Acenaphthene	385000	U
99-09-2	3-Nitroaniline	385000	U
51-28-5	2,4-Dinitrophenol	1930000	U
132-64-9	Dibenzofuran	385000	U
121-14-2	2,4-Dinitrotoluene	385000	U
100-02-7	4-Nitrophenol	962000	U
86-73-7	Fluorene	385000	U
7005-72-3	4-Chlorophenyl-phenylether	385000	U
84-66-2	Diethylphthalate	385000	U
100-01-6	4-Nitroaniline	385000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1920000	U
86-30-6	N-Nitrosodiphenylamine	385000	U
101-55-3	4-Bromophenyl-phenylether	385000	U
118-74-1	Hexachlorobenzene	385000	U
87-86-5	Pentachlorophenol	1920000	U
85-01-8	Phenanthrene	385000	U
120-12-7	Anthracene	385000	U
84-74-2	Di-n-butylphthalate	385000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D36DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303DL1 Lab File ID: 183-3D10.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2011

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	385000	U
129-00-0	Pyrene	385000	U
92-87-5	Benzidine	966000	U
85-68-7	Butylbenzylphthalate	385000	U
91-94-1	3,3'-Dichlorobenzidine	385000	U
56-55-3	Benzo(a)anthracene	385000	U
218-01-9	Chrysene	385000	U
117-81-7	bis(2-ethylhexyl)phthalate	385000	U
117-84-0	Di-n-octylphthalate	385000	U
205-99-2	Benzo(b)fluoranthene	385000	U
207-08-9	Benzo(k)fluoranthene	385000	U
50-32-8	Benzo(a)pyrene	385000	U
193-39-5	Indeno(1,2,3-cd)pyrene	385000	U
53-70-3	Dibenz(a,h)anthracene	385000	U
191-24-2	Benzo(g,h,i)perylene	385000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718304 Lab File ID: 183-4.D

Sample wt/vol: 1.06 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2040

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	37800	U
62-53-3	Aniline	37800	U
111-44-4	Bis(2-Chloroethyl)ether	37800	U
108-95-2	Phenol	189000	U
95-57-8	2-Chlorophenol	37800	U
541-73-1	1,3-Dichlorobenzene	37800	U
106-46-7	1,4-Dichlorobenzene	37800	U
95-50-1	1,2-Dichlorobenzene	37800	U
100-51-6	Benzyl alcohol	94400	U
108-60-1	2,2-Oxybis(1-chloropropane)	38200	U
95-48-7	2-Methylphenol (o-Cresol)	37800	U
67-72-1	Hexachloroethane	38200	U
621-64-7	N-Nitroso-di-n-propylamine	37800	U
106-44-5	4-Methylphenol	37800	U
98-95-3	Nitrobenzene	37800	U
78-59-1	Isophorone	37800	U
88-75-5	2-Nitrophenol	37800	U
105-67-9	2,4-Dimethylphenol	37800	U
65-85-0	Benzoic acid	189000	U
111-91-1	Bis(2-Chloroethoxy)methane	37800	U
120-83-2	2,4-Dichlorophenol	37800	U
120-82-1	1,2,4-Trichlorobenzene	37800	U
91-20-3	Naphthalene	37800	U
106-47-8	4-Chloroaniline	37800	U
91-57-6	2-Methylnaphthalene	37800	U
87-68-3	Hexachlorobutadiene	37800	U
59-50-7	4-Chloro-3-methylphenol	37800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718304 Lab File ID: 183-4.D

Sample wt/vol: 1.06 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2040

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	37800	U
77-47-4	Hexachlorocyclopentadiene	94400	U
88-06-2	2,4,6-Trichlorophenol	37800	U
95-95-4	2,4,5-Trichlorophenol	37800	U
91-58-7	2-Chloronaphthalene	38200	U
88-74-4	2-Nitroaniline	37800	U
208-96-8	Acenaphthylene	37800	U
131-11-3	Dimethyl-phthalate	37800	U
606-20-2	2,6-Dinitrotoluene	37800	U
83-32-9	Acenaphthene	37800	U
99-09-2	3-Nitroaniline	37800	U
51-28-5	2,4-Dinitrophenol	190000	U
132-64-9	Dibenzofuran	37800	U
121-14-2	2,4-Dinitrotoluene	37800	U
100-02-7	4-Nitrophenol	94400	U
86-73-7	Fluorene	37800	U
7005-72-3	4-Chlorophenyl-phenylether	37800	U
84-66-2	Diethylphthalate	37800	U
100-01-6	4-Nitroaniline	37800	U
534-52-1	2-Methyl-4,6-dinitrophenol	189000	U
86-30-6	N-Nitrosodiphenylamine	37800	U
101-55-3	4-Bromophenyl-phenylether	37800	U
118-74-1	Hexachlorobenzene	37800	U
87-86-5	Pentachlorophenol	189000	U
85-01-8	Phenanthrene	37800	U
120-12-7	Anthracene	37800	U
84-74-2	Di-n-butylphthalate	37800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718304 Lab File ID: 183-4.D

Sample wt/vol: 1.06 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2040

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	37800	U
129-00-0	Pyrene	37800	U
92-87-5	Benzidine	94800	U
85-68-7	Butylbenzylphthalate	37800	U
91-94-1	3,3'-Dichlorobenzidine	37800	U
56-55-3	Benzo(a)anthracene	37800	U
218-01-9	Chrysene	37800	U
117-81-7	bis(2-ethylhexyl)phthalate	37800	U
117-84-0	Di-n-octylphthalate	37800	U
205-99-2	Benzo(b)fluoranthene	37800	U
207-08-9	Benzo(k)fluoranthene	37800	U
50-32-8	Benzo(a)pyrene	37800	U
193-39-5	Indeno(1,2,3-cd)pyrene	37800	U
53-70-3	Dibenz(a,h)anthracene	37800	U
191-24-2	Benzo(g,h,i)perylene	37800	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718305 Lab File ID: 183-5.D

Sample wt/vol: 1.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2109

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	36700	U
62-53-3	Aniline	36700	U
111-44-4	Bis(2-Chloroethyl)ether	36700	U
108-95-2	Phenol	140000	J
95-57-8	2-Chlorophenol	36700	U
541-73-1	1,3-Dichlorobenzene	36700	U
106-46-7	1,4-Dichlorobenzene	36700	U
95-50-1	1,2-Dichlorobenzene	36700	U
100-51-6	Benzyl alcohol	91800	U
108-60-1	2,2-Oxybis(1-chloropropane)	37200	U
95-48-7	2-Methylphenol (o-Cresol)	36700	U
67-72-1	Hexachloroethane	37200	U
621-64-7	N-Nitroso-di-n-propylamine	36700	U
106-44-5	4-Methylphenol	25800	J
98-95-3	Nitrobenzene	36700	U
78-59-1	Isophorone	36700	U
88-75-5	2-Nitrophenol	36700	U
105-67-9	2,4-Dimethylphenol	36700	U
65-85-0	Benzoic acid	184000	U
111-91-1	Bis(2-Chloroethoxy)methane	36700	U
120-83-2	2,4-Dichlorophenol	36700	U
120-82-1	1,2,4-Trichlorobenzene	36700	U
91-20-3	Naphthalene	36700	U
106-47-8	4-Chloroaniline	36700	U
91-57-6	2-Methylnaphthalene	36700	U
87-68-3	Hexachlorobutadiene	36700	U
59-50-7	4-Chloro-3-methylphenol	35100	J

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-TT-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718305 Lab File ID: 183-5.D

Sample wt/vol: 1.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2109

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	36700	U
77-47-4	Hexachlorocyclopentadiene	91800	U
88-06-2	2,4,6-Trichlorophenol	36700	U
95-95-4	2,4,5-Trichlorophenol	36700	U
91-58-7	2-Chloronaphthalene	37200	U
88-74-4	2-Nitroaniline	36700	U
208-96-8	Acenaphthylene	36700	U
131-11-3	Dimethyl-phthalate	36700	U
606-20-2	2,6-Dinitrotoluene	36700	U
83-32-9	Acenaphthene	36700	U
99-09-2	3-Nitroaniline	36700	U
51-28-5	2,4-Dinitrophenol	184000	U
132-64-9	Dibenzofuran	36700	U
121-14-2	2,4-Dinitrotoluene	36700	U
100-02-7	4-Nitrophenol	91800	U
86-73-7	Fluorene	36700	U
7005-72-3	4-Chlorophenyl-phenylether	36700	U
84-66-2	Diethylphthalate	36700	U
100-01-6	4-Nitroaniline	36700	U
534-52-1	2-Methyl-4,6-dinitrophenol	184000	U
86-30-6	N-Nitrosodiphenylamine	36700	U
101-55-3	4-Bromophenyl-phenylether	36700	U
118-74-1	Hexachlorobenzene	36700	U
87-86-5	Pentachlorophenol	184000	U
85-01-8	Phenanthrene	36700	U
120-12-7	Anthracene	36700	U
84-74-2	Di-n-butylphthalate	36700	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-TT-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718305 Lab File ID: 183-5.D

Sample wt/vol: 1.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2109

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	36700	U
129-00-0	Pyrene	36700	U
92-87-5	Benzidine	92200	U
85-68-7	Butylbenzylphthalate	36700	U
91-94-1	3,3'-Dichlorobenzidine	36700	U
56-55-3	Benzo(a)anthracene	36700	U
218-01-9	Chrysene	36700	U
117-81-7	bis(2-ethylhexyl)phthalate	36700	U
117-84-0	Di-n-octylphthalate	36700	U
205-99-2	Benzo(b)fluoranthene	36700	U
207-08-9	Benzo(k)fluoranthene	36700	U
50-32-8	Benzo(a)pyrene	36700	U
193-39-5	Indeno(1,2,3-cd)pyrene	36700	U
53-70-3	Dibenz(a,h)anthracene	36700	U
191-24-2	Benzo(g,h,i)perylene	36700	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-TT-3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718306 Lab File ID: 183-6.D

Sample wt/vol: 1.07 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2138

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	37400	U
62-53-3	Aniline	37400	U
111-44-4	Bis(2-Chloroethyl)ether	37400	U
108-95-2	Phenol	168000	J
95-57-8	2-Chlorophenol	24600	J
541-73-1	1,3-Dichlorobenzene	37400	U
106-46-7	1,4-Dichlorobenzene	37400	U
95-50-1	1,2-Dichlorobenzene	37400	U
100-51-6	Benzyl alcohol	93500	U
108-60-1	2,2-Oxybis(1-chloropropane)	37800	U
95-48-7	2-Methylphenol (o-Cresol)	37400	U
67-72-1	Hexachloroethane	37800	U
621-64-7	N-Nitroso-di-n-propylamine	37400	U
106-44-5	4-Methylphenol	37400	U
98-95-3	Nitrobenzene	37400	U
78-59-1	Isophorone	37400	U
88-75-5	2-Nitrophenol	37400	U
105-67-9	2,4-Dimethylphenol	37400	U
65-85-0	Benzoic acid	187000	U
111-91-1	Bis(2-Chloroethoxy)methane	37400	U
120-83-2	2,4-Dichlorophenol	37400	U
120-82-1	1,2,4-Trichlorobenzene	37400	U
91-20-3	Naphthalene	37400	U
106-47-8	4-Chloroaniline	37400	U
91-57-6	2-Methylnaphthalene	37400	U
87-68-3	Hexachlorobutadiene	37400	U
59-50-7	4-Chloro-3-methylphenol	37400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-TT-3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718306 Lab File ID: 183-6.D

Sample wt/vol: 1.07 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2138

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	37400	U
77-47-4	Hexachlorocyclopentadiene	93500	U
88-06-2	2,4,6-Trichlorophenol	37400	U
95-95-4	2,4,5-Trichlorophenol	37400	U
91-58-7	2-Chloronaphthalene	37800	U
88-74-4	2-Nitroaniline	37400	U
208-96-8	Acenaphthylene	37400	U
131-11-3	Dimethyl-phthalate	37400	U
606-20-2	2,6-Dinitrotoluene	37400	U
83-32-9	Acenaphthene	37400	U
99-09-2	3-Nitroaniline	37400	U
51-28-5	2,4-Dinitrophenol	188000	U
132-64-9	Dibenzofuran	37400	U
121-14-2	2,4-Dinitrotoluene	37400	U
100-02-7	4-Nitrophenol	93500	U
86-73-7	Fluorene	37400	U
7005-72-3	4-Chlorophenyl-phenylether	37400	U
84-66-2	Diethylphthalate	37400	U
100-01-6	4-Nitroaniline	37400	U
534-52-1	2-Methyl-4,6-dinitrophenol	187000	U
86-30-6	N-Nitrosodiphenylamine	37400	U
101-55-3	4-Bromophenyl-phenylether	37400	U
118-74-1	Hexachlorobenzene	37400	U
87-86-5	Pentachlorophenol	187000	U
85-01-8	Phenanthrene	37400	U
120-12-7	Anthracene	37400	U
84-74-2	Di-n-butylphthalate	37400	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718306 Lab File ID: 183-6.D

Sample wt/vol: 1.07 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2138

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	37400	U
129-00-0	Pyrene	37400	U
92-87-5	Benzidine	93900	U
85-68-7	Butylbenzylphthalate	37400	U
91-94-1	3,3'-Dichlorobenzidine	37400	U
56-55-3	Benzo(a)anthracene	37400	U
218-01-9	Chrysene	37400	U
117-81-7	bis(2-ethylhexyl)phthalate	37400	U
117-84-0	Di-n-octylphthalate	37400	U
205-99-2	Benzo(b)fluoranthene	37400	U
207-08-9	Benzo(k)fluoranthene	37400	U
50-32-8	Benzo(a)pyrene	37400	U
193-39-5	Indeno(1,2,3-cd)pyrene	37400	U
53-70-3	Dibenz(a,h)anthracene	37400	U
191-24-2	Benzo(g,h,i)perylene	37400	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-DIKE 1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718307 Lab File ID: 183-7.D

Sample wt/vol: 1.12 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2207

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	35800	U
62-53-3	Aniline	35800	U
111-44-4	Bis(2-Chloroethyl)ether	35800	U
108-95-2	Phenol	179000	U
95-57-8	2-Chlorophenol	35800	U
541-73-1	1,3-Dichlorobenzene	35800	U
106-46-7	1,4-Dichlorobenzene	35800	U
95-50-1	1,2-Dichlorobenzene	35800	U
100-51-6	Benzyl alcohol	89300	U
108-60-1	2,2-Oxybis(1-chloropropane)	36200	U
95-48-7	2-Methylphenol (o-Cresol)	35800	U
67-72-1	Hexachloroethane	36200	U
621-64-7	N-Nitroso-di-n-propylamine	35800	U
106-44-5	4-Methylphenol	35800	U
98-95-3	Nitrobenzene	35800	U
78-59-1	Isophorone	35800	U
88-75-5	2-Nitrophenol	35800	U
105-67-9	2,4-Dimethylphenol	35800	U
65-85-0	Benzoic acid	179000	U
111-91-1	Bis(2-Chloroethoxy)methane	35800	U
120-83-2	2,4-Dichlorophenol	35800	U
120-82-1	1,2,4-Trichlorobenzene	35800	U
91-20-3	Naphthalene	35800	U
106-47-8	4-Chloroaniline	35800	U
91-57-6	2-Methylnaphthalene	35800	U
87-68-3	Hexachlorobutadiene	35800	U
59-50-7	4-Chloro-3-methylphenol	35800	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-DIKE 1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718307 Lab File ID: 183-7.D

Sample wt/vol: 1.12 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2207

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	35800	U
77-47-4	Hexachlorocyclopentadiene	89300	U
88-06-2	2,4,6-Trichlorophenol	35800	U
95-95-4	2,4,5-Trichlorophenol	35800	U
91-58-7	2-Chloronaphthalene	36200	U
88-74-4	2-Nitroaniline	35800	U
208-96-8	Acenaphthylene	35800	U
131-11-3	Dimethyl-phthalate	35800	U
606-20-2	2,6-Dinitrotoluene	35800	U
83-32-9	Acenaphthene	35800	U
99-09-2	3-Nitroaniline	35800	U
51-28-5	2,4-Dinitrophenol	179000	U
132-64-9	Dibenzofuran	35800	U
121-14-2	2,4-Dinitrotoluene	35800	U
100-02-7	4-Nitrophenol	89300	U
86-73-7	Fluorene	35800	U
7005-72-3	4-Chlorophenyl-phenylether	35800	U
84-66-2	Diethylphthalate	35800	U
100-01-6	4-Nitroaniline	35800	U
534-52-1	2-Methyl-4,6-dinitrophenol	179000	U
86-30-6	N-Nitrosodiphenylamine	35800	U
101-55-3	4-Bromophenyl-phenylether	35800	U
118-74-1	Hexachlorobenzene	35800	U
87-86-5	Pentachlorophenol	179000	U
85-01-8	Phenanthrene	35800	U
120-12-7	Anthracene	35800	U
84-74-2	Di-n-butylphthalate	35800	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-DIKE 1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718307 Lab File ID: 183-7.D

Sample wt/vol: 1.12 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 2207

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	35800	U
129-00-0	Pyrene	35800	U
92-87-5	Benzidine	89700	U
85-68-7	Butylbenzylphthalate	35800	U
91-94-1	3,3'-Dichlorobenzidine	35800	U
56-55-3	Benzo(a)anthracene	35800	U
218-01-9	Chrysene	35800	U
117-81-7	bis(2-ethylhexyl)phthalate	35800	U
117-84-0	Di-n-octylphthalate	35800	U
205-99-2	Benzo(b)fluoranthene	35800	U
207-08-9	Benzo(k)fluoranthene	35800	U
50-32-8	Benzo(a)pyrene	35800	U
193-39-5	Indeno(1,2,3-cd)pyrene	35800	U
53-70-3	Dibenz(a,h)anthracene	35800	U
191-24-2	Benzo(g,h,i)perylene	35800	U

QC Summary

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3220BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 246247 Lab File ID: 3220BLK.D

Sample wt/vol: 1 Units: G Date Received: 07/23/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1715

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3220BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 246247 Lab File ID: 3220BLK.D

Sample wt/vol: 1 Units: G Date Received: 07/23/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1715

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3220BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 246247 Lab File ID: 3220BLK.D

Sample wt/vol: 1 Units: G Date Received: 07/23/07

Concentrated Extract Volume: 10 Date Extracted: 07/23/07

Level:(low/med) LOW Date Analyzed: 07/23/07 Time: 1715

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3220LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507183

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	320000	185000	57.8		30.0	48 - 115
Aniline	160000	152000	95.0		30.0	47 - 140
Bis(2-Chloroethyl)ether	160000	142000	88.8		30.0	61 - 105
Phenol	160000	147000	91.9		23.0	46 - 100
2-Chlorophenol	160000	147000	91.9		24.0	54 - 105
1,3-Dichlorobenzene	160000	157000	98.1		26.0	67 - 100
1,4-Dichlorobenzene	160000	157000	98.1		27.0	62 - 105
1,2-Dichlorobenzene	160000	153000	95.6 *		30.0	65 - 95
Benzyl alcohol	160000	74900	46.8 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	160000	153000	95.6		30.0	52 - 115
2-Methylphenol (o-Cresol)	160000	128000	80.0		30.0	58 - 105
Hexachloroethane	160000	148000	92.5		28.0	65 - 110
N-Nitroso-di-n-propylamine	160000	148000	92.5		28.0	59 - 115
4-Methylphenol	160000	134000	83.8		26.0	57 - 105
Nitrobenzene	160000	161000	101.0		27.0	71 - 115
Isophorone	160000	139000	86.9		30.0	69 - 110
2-Nitrophenol	160000	154000	96.2		20.0	61 - 110
2,4-Dimethylphenol	160000	147000	91.9		30.0	65 - 105
Benzoic acid	160000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	160000	129000	80.6		30.0	70 - 110
2,4-Dichlorophenol	160000	153000	95.6		29.0	64 - 110
1,2,4-Trichlorobenzene	160000	157000	98.1		29.0	71 - 110
Naphthalene	160000	150000	93.8		23.0	67 - 105
4-Chloroaniline	160000	154000	96.2 *		30.0	57 - 95
2-Methylnaphthalene	160000	163000	102.0		22.0	72 - 105
Hexachlorobutadiene	160000	155000	96.9		27.0	79 - 115
4-Chloro-3-methylphenol	160000	146000	91.2		30.0	62 - 115
1-Methylnaphthalene	160000	162000	101.0		25.0	67 - 145
Hexachlorocyclopentadiene	160000	110000	68.8		44.0	34 - 139
2,4,6-Trichlorophenol	160000	149000	93.1		30.0	62 - 110
2,4,5-Trichlorophenol	160000	129000	80.6		29.0	61 - 110
2-Chloronaphthalene	160000	160000	100.0		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3220LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507183

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	160000	153000	95.6		23.0	71 - 120
Acenaphthylene	160000	143000	89.4		21.0	66 - 105
Dimethyl-phthalate	160000	152000	95.0		30.0	69 - 110
2,6-Dinitrotoluene	160000	156000	97.5		30.0	73 - 110
Acenaphthene	160000	140000	87.5		28.0	65 - 110
3-Nitroaniline	160000	150000	93.8		30.0	76 - 110
2,4-Dinitrophenol	160000	33600	21.0 *		30.0	29 - 130
Dibenzofuran	160000	160000	100.0		28.0	75 - 105
2,4-Dinitrotoluene	160000	158000	98.8		29.0	77 - 115
4-Nitrophenol	160000	132000	82.5		30.0	52 - 140
Fluorene	160000	142000	88.8		28.0	67 - 110
4-Chlorophenyl-phenylether	160000	158000	98.8		30.0	65 - 110
Diethylphthalate	160000	150000	93.8		28.0	68 - 115
4-Nitroaniline	160000	138000	86.2		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	160000	108000	67.5		28.0	34 - 135
N-Nitrosodiphenylamine	160000	177000	111.0		23.0	77 - 115
4-Bromophenyl-phenylether	160000	166000	104.0		30.0	59 - 115
Hexachlorobenzene	160000	159000	99.4		28.0	77 - 120
Pentachlorophenol	160000	96900	60.6		30.0	36 - 120
Phenanthrene	160000	146000	91.2		25.0	67 - 110
Anthracene	160000	142000	88.8		19.0	67 - 105
Di-n-butylphthalate	160000	157000	98.1		29.0	67 - 110
Fluoranthene	160000	152000	95.0		21.0	74 - 115
Pyrene	160000	152000	95.0		20.0	67 - 125
Benzidine	160000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	160000	143000	89.4		30.0	66 - 125
3,3'-Dichlorobenzidine	160000	148000	92.5		30.0	41 - 130
Benzo(a)anthracene	160000	131000	81.9		29.0	67 - 110
Chrysene	160000	150000	93.8		30.0	65 - 110
bis(2-ethylhexyl)phthalate	160000	143000	89.4		30.0	65 - 125
Di-n-octylphthalate	160000	136000	85.0		30.0	64 - 130
Benzo(b)fluoranthene	160000	115000	71.9		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3220LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507183

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	160000	140000	87.5		28.0	53 - 125
Benzo(a)pyrene	160000	128000	80.0		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	160000	148000	92.5		30.0	40 - 120
Dibenz(a,h)anthracene	160000	115000	71.9		30.0	40 - 125
Benzo(g,h,i)perylene	160000	118000	73.8		23.0	41 - 125

Spike Recovery: 6 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3220LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507183

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	320000	194000	60.6	4.7	30.0	48 - 115
Aniline	160000	160000	100.0	5.1	30.0	47 - 140
Bis(2-Chloroethyl)ether	160000	149000	93.1	4.8	30.0	61 - 105
Phenol	160000	156000	97.5	5.9	23.0	46 - 100
2-Chlorophenol	160000	155000	96.9	5.3	24.0	54 - 105
1,3-Dichlorobenzene	160000	165000	103.0 *	5.0	26.0	67 - 100
1,4-Dichlorobenzene	160000	162000	101.0	3.1	27.0	62 - 105
1,2-Dichlorobenzene	160000	161000	101.0 *	5.1	30.0	65 - 95
Benzyl alcohol	160000	86200	53.9 *	14.0	30.0	64 - 125
2,2-Oxybis(1-chloropropane)	160000	162000	101.0	5.7	30.0	52 - 115
2-Methylphenol (o-Cresol)	160000	134000	83.8	4.6	30.0	58 - 105
Hexachloroethane	160000	158000	98.8	6.5	28.0	65 - 110
N-Nitroso-di-n-propylamine	160000	156000	97.5	5.3	28.0	59 - 115
4-Methylphenol	160000	137000	85.6	2.2	26.0	57 - 105
Nitrobenzene	160000	170000	106.0	5.4	27.0	71 - 115
Isophorone	160000	147000	91.9	5.6	30.0	69 - 110
2-Nitrophenol	160000	164000	102.0	6.3	20.0	61 - 110
2,4-Dimethylphenol	160000	163000	102.0	10.3	30.0	65 - 105
Benzoic acid	160000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	160000	138000	86.2	6.7	30.0	70 - 110
2,4-Dichlorophenol	160000	159000	99.4	3.8	29.0	64 - 110
1,2,4-Trichlorobenzene	160000	166000	104.0	5.6	29.0	71 - 110
Naphthalene	160000	155000	96.9	3.3	23.0	67 - 105
4-Chloroaniline	160000	163000	102.0 *	5.7	30.0	57 - 95
2-Methylnaphthalene	160000	170000	106.0 *	4.2	22.0	72 - 105
Hexachlorobutadiene	160000	163000	102.0	5.0	27.0	79 - 115
4-Chloro-3-methylphenol	160000	159000	99.4	8.5	30.0	62 - 115
1-Methylnaphthalene	160000	171000	107.0	5.4	25.0	67 - 145
Hexachlorocyclopentadiene	160000	130000	81.2	16.7	44.0	34 - 139
2,4,6-Trichlorophenol	160000	160000	100.0	7.1	30.0	62 - 110
2,4,5-Trichlorophenol	160000	133000	83.1	3.1	29.0	61 - 110
2-Chloronaphthalene	160000	167000	104.0	4.3	24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

240707 1339

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 3220LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	160000	161000	101.0	5.1	23.0	71 - 120
Acenaphthylene	160000	152000	95.0	6.1	21.0	66 - 105
Dimethyl-phthalate	160000	159000	99.4	4.5	30.0	69 - 110
2,6-Dinitrotoluene	160000	166000	104.0	6.2	30.0	73 - 110
Acenaphthene	160000	146000	91.2	4.2	28.0	65 - 110
3-Nitroaniline	160000	158000	98.8	5.2	30.0	76 - 110
2,4-Dinitrophenol	160000	49700	31.1	38.7 *	30.0	29 - 130
Dibenzofuran	160000	168000	105.0	4.9	28.0	75 - 105
2,4-Dinitrotoluene	160000	169000	106.0	6.7	29.0	77 - 115
4-Nitrophenol	160000	146000	91.2	10.1	30.0	52 - 140
Fluorene	160000	149000	93.1	4.8	28.0	67 - 110
4-Chlorophenyl-phenylether	160000	163000	102.0	3.1	30.0	65 - 110
Diethylphthalate	160000	161000	101.0	7.1	28.0	68 - 115
4-Nitroaniline	160000	149000	93.1	7.7	30.0	70 - 115
2-Methyl-4,6-dinitrophenol	160000	126000	78.8	15.4	28.0	34 - 135
N-Nitrosodiphenylamine	160000	185000	116.0 *	4.4	23.0	77 - 115
4-Bromophenyl-phenylether	160000	178000	111.0	7.0	30.0	59 - 115
Hexachlorobenzene	160000	167000	104.0	4.9	28.0	77 - 120
Pentachlorophenol	160000	111000	69.4	13.6	30.0	36 - 120
Phenanthrene	160000	153000	95.6	4.7	25.0	67 - 110
Anthracene	160000	150000	93.8	5.5	19.0	67 - 105
Di-n-butylphthalate	160000	168000	105.0	6.8	29.0	67 - 110
Fluoranthene	160000	162000	101.0	6.4	21.0	74 - 115
Pyrene	160000	157000	98.1	3.2	20.0	67 - 125
Benzidine	160000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	160000	150000	93.8	4.8	30.0	66 - 125
3,3'-Dichlorobenzidine	160000	156000	97.5	5.3	30.0	41 - 130
Benzo(a)anthracene	160000	136000	85.0	3.7	29.0	67 - 110
Chrysene	160000	155000	96.9	3.3	30.0	65 - 110
bis(2-ethylhexyl)phthalate	160000	151000	94.4	5.4	30.0	65 - 125
Di-n-octylphthalate	160000	142000	88.8	4.3	30.0	64 - 130
Benzo(b)fluoranthene	160000	122000	76.2	5.9	30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 3220LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	160000	147000	91.9	4.9	28.0	53 - 125
Benzo(a)pyrene	160000	136000	85.0	6.1	25.0	60 - 110
Indeno(1,2,3-cd)pyrene	160000	149000	93.1	0.7	30.0	40 - 120
Dibenz(a,h)anthracene	160000	119000	74.4	3.4	30.0	40 - 125
Benzo(g,h,i)perylene	160000	117000	73.1	0.9	23.0	41 - 125

Spike Recovery: 8 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

GC/ECD PCB ORGANICS

METHOD 8082

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CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507183

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPP-D36 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 141 % with criteria of (33-140).

Sample NPP-DIKE 1 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 141 % with criteria of (33-140).

Since these samples were prepared by waste dilution and the criteria are for soil ASE extraction, and the recoveries were above the control limits, and there were no target analytes found in the associated samples, it is safe to say that had the analytes been in the samples they would have been detected, and no further action was taken.

Samples coded accordingly.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507183

Client: T N & Associates, Inc.

All acceptance criteria were met with the exception of:
LCS 195LCS was analyzed with the soil samples extracted on 07/17/07. The following analyte(s) were recovered above criteria: Aroclor-1016 at 162 % with criteria of (40-140), Aroclor-1260 at 158 % with criteria of (60-125).
LCS 195LCSD was analyzed with the soil samples extracted on 07/17/07. The following analyte(s) were recovered above criteria: Aroclor-1260 at 140 % with criteria of (60-125).

Since these samples were prepared by waste dilution and the criteria are for soil ASE extraction, and the recoveries were above the control limits, and there were no target analytes found in the associated samples, it is safe to say that had the analytes been in the samples they would have been detected, and no further action was taken.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 07/21/2007**

W:\Narratives\SemiVols\2507\2507183_8082.doc

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Method: 8082

EPA Sample No	Lab Sample ID
NPP-CARBON2	250718301
NPP-D26	250718302
NPP-D36	250718303
NPP-D44	250718304
NPP-TT-2	250718305
NPP-TT-3	250718306
NPP-DIKE 1	250718307

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Sample Data

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-CARBON2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301 Lab File ID: 183-1.D

Sample wt/vol: 1.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1356

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718302 Lab File ID: 183-2.D

Sample wt/vol: 1.15 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1428

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	390	U
11096-82-5	Aroclor-1260	390	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303 Lab File ID: 183-3.D

Sample wt/vol: 1.05 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1459

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-D44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718304 Lab File ID: 183-4.D

Sample wt/vol: 1.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1531

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718305 Lab File ID: 183-5.D

Sample wt/vol: 1.2 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1602

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	380	U
11096-82-5	Aroclor-1260	380	U
11104-28-2	Aroclor-1221	380	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718306 Lab File ID: 183-6.D

Sample wt/vol: 1.19 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1634

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	380	U
11096-82-5	Aroclor-1260	380	U
11104-28-2	Aroclor-1221	380	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-DIKE 1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718307 Lab File ID: 183-7.D

Sample wt/vol: 1.11 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1705

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	400	U
11096-82-5	Aroclor-1260	400	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U

QC Summary

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1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 195BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 245955 Lab File ID: 195BLK.D

Sample wt/vol: 1 Units: G Date Received: 07/17/07

Concentrated Extract Volume: 10 Date Extracted: 07/17/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1155

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

195LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507183

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	16200	162.0 *		21.0	40 - 140
Aroclor-1260	10000	15800	158.0 *		32.0	60 - 125

Spike Recovery: 2 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

195LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507183

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	14000	140.0	14.6	21.0	40 - 140
Aroclor-1260	10000	14000	140.0 *	12.1	32.0	60 - 125

Spike Recovery: 1 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

240707 1339

METALS DATA PACKAGE
TOTALS

240707 1339

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507183

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 245853BLK was analyzed with the soil samples on 07/19/07. The following analyte(s) were detected below RL: Potassium at 8.22 MG/KG. Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507183

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

Sample NPP-D26 required a 1:5 dilution due to high concentration of the following analyte(s): Sodium.

Sample NPP-TT-2 required a 1:5 dilution due to high concentration of the following analyte(s): Antimony, Sodium.

Sample NPP-TT-3 required a 1:5 dilution due to high concentration of the following analyte(s): Sodium.
Sample NPP-TT-3 required a 1:5 dilution due to matrix interference with the following analyte(s): Thallium.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gold

SIGNED: **DATE:** **07/23/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507183

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507183

Client: T N & Associates, Inc.

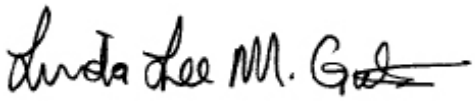
D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 07/23/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No. SDG No.: 2507183

SOW No.:

EPA Sample No	Lab Sample ID
NPP-CARBON2	250718301
NPP-D26	250718302
NPP-D26DL1	250718302DL1
NPP-D36	250718303
NPP-D44	250718304
NPP-TT-2	250718305
NPP-TT-2DL1	250718305DL1
NPP-TT-3	250718306
NPP-TT-3DL1	250718306DL1
NPP-DIKE 1	250718307

Were ICP interelement corrections applied?	Yes/No	Yes
Were ICP background corrections applied?	Yes/No	Yes
If yes - were raw data generated before application of background corrections?	Yes/No	No

Comments:

240707 1339

Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	245			P
7440-36-0	Antimony	0.548	B		P
7440-38-2	Arsenic	2.96			P
7440-39-3	Barium	11.9			P
7440-41-7	Beryllium	0.143	U		P
7440-43-9	Cadmium	0.493			P
7440-70-2	Calcium	2010			P
7440-47-3	Chromium	1.03			P
7440-48-4	Cobalt	0.0446	U		P
7440-50-8	Copper	12.2			P
7439-89-6	Iron	15300			P
7439-92-1	Lead	0.304	U		P
7439-95-4	Magnesium	839			P
7439-96-5	Manganese	115			P
7439-97-6	Mercury	0.134			CV
7440-02-0	Nickel	0.536			P
7440-09-7	Potassium	122			P
7782-49-2	Selenium	1.44			P
7440-22-4	Silver	0.143	U		P
7440-23-5	Sodium	296			P
7440-28-0	Thallium	0.295	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

240707 1339

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-CARBON2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718301

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.68			P
7440-66-6	Zinc	7.92			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

240707 1339

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718302

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	67.3			P
7440-38-2	Arsenic	7.87			P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	10.2			P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	0.271	B		P
7439-89-6	Iron	10.4			P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	2.91	U		P
7439-96-5	Manganese	0.485			P
7439-97-6	Mercury	0.002	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	2730			P
7782-49-2	Selenium	1.55			P
7440-22-4	Silver	0.155	U		P
7440-28-0	Thallium	0.32	U		P
7440-62-2	Vanadium	0.155	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718302

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D26DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718302DL1

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	37800			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	0.236	B		P
7440-38-2	Arsenic	0.486	B		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0485	U		P
7440-70-2	Calcium	22.5			P
7440-47-3	Chromium	0.359	B		P
7440-48-4	Cobalt	0.0485	U		P
7440-50-8	Copper	9.04			P
7439-89-6	Iron	246			P
7439-92-1	Lead	1.62			P
7439-95-4	Magnesium	2.91	U		P
7439-96-5	Manganese	1.29			P
7439-97-6	Mercury	0.00201	U		CV
7440-02-0	Nickel	0.818			P
7440-09-7	Potassium	12.9	B		P
7782-49-2	Selenium	1.73			P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	13.2	B		P
7440-28-0	Thallium	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718303

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	5.16			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718304

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	0.224	U		P
7440-38-2	Arsenic	1.04			P
7440-39-3	Barium	0.398	B		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0487	U		P
7440-70-2	Calcium	16.1			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0487	U		P
7440-50-8	Copper	0.156	U		P
7439-89-6	Iron	3.18	B		P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	2.92	U		P
7439-96-5	Manganese	0.156	U		P
7439-97-6	Mercury	0.00186	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	9.6	B		P
7782-49-2	Selenium	3.36			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	9.75	U		P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-D44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718304

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	0.498	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718305

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	14.8			P
7440-38-2	Arsenic	3.68			P
7440-39-3	Barium	8.21			P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.492			P
7440-70-2	Calcium	138			P
7440-47-3	Chromium	3.76			P
7440-48-4	Cobalt	0.349	B		P
7440-50-8	Copper	2.57			P
7439-89-6	Iron	173			P
7439-92-1	Lead	0.589	B		P
7439-95-4	Magnesium	33.1			P
7439-96-5	Manganese	2.29			P
7439-97-6	Mercury	0.00189	U		CV
7440-02-0	Nickel	1.13			P
7440-09-7	Potassium	3600			P
7782-49-2	Selenium	2.36			P
7440-22-4	Silver	0.156	U		P
7440-28-0	Thallium	0.321	U		P
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	22.5			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-2DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718305DL1

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	1330			P
7440-23-5	Sodium	28900			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718306

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.94	B		P
7440-36-0	Antimony	223			P
7440-38-2	Arsenic	2.24			P
7440-39-3	Barium	0.771			P
7440-41-7	Beryllium	0.152	U		P
7440-43-9	Cadmium	0.141	B		P
7440-70-2	Calcium	92.9			P
7440-47-3	Chromium	0.967			P
7440-48-4	Cobalt	0.0611	B		P
7440-50-8	Copper	1.97			P
7439-89-6	Iron	206			P
7439-92-1	Lead	0.323	U		P
7439-95-4	Magnesium	6.87	B		P
7439-96-5	Manganese	0.717			P
7439-97-6	Mercury	0.00201	U		CV
7440-02-0	Nickel	1.05			P
7440-09-7	Potassium	1080			P
7782-49-2	Selenium	2.88			P
7440-22-4	Silver	0.152	U		P
7440-62-2	Vanadium	0.206	B		P
7440-66-6	Zinc	1.45			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-TT-3DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718306DL1

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	62200			P
7440-28-0	Thallium	1.57	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

240707 1339

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-DIKE 1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718307

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	0.231	B		P
7440-38-2	Arsenic	0.518	B		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0489	U		P
7440-70-2	Calcium	26.2			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0489	U		P
7440-50-8	Copper	0.156	U		P
7439-89-6	Iron	3.73	B		P
7439-92-1	Lead	0.333	U		P
7439-95-4	Magnesium	2.94	U		P
7439-96-5	Manganese	0.156	U		P
7439-97-6	Mercury	0.00204	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	23.6	B		P
7782-49-2	Selenium	0.607	B		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	21.2	B		P
7440-28-0	Thallium	0.323	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

240707 1339

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-DIKE 1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Lab Sample ID: 250718307

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	0.323	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

240707 1339

QC Summary

240707 1339

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DUPLICATES

EPA Sample No.

245855LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507183

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	5150		5020		2.6		P
Antimony	20	53.6		51.9		3.2		P
Arsenic	20	52.8		50.5		4.5		P
Barium	20	160		155		3.2		P
Beryllium	20	55		53		3.7		P
Cadmium	20	51.3		49.7		3.2		P
Calcium	20	5110		4960		3.0		P
Chromium	20	53.8		51.8		3.8		P
Cobalt	20	52.7		50.7		3.9		P
Copper	20	52.9		51		3.7		P
Iron	20	5330		5190		2.7		P
Lead	20	54		52		3.8		P
Magnesium	20	5000		4880		2.4		P
Manganese	20	54.5		53		2.8		P
Nickel	20	52.8		51		3.5		P
Potassium	20	5090		4980		2.2		P
Selenium	20	51.2		50.1		2.2		P
Silver	20	22.2		21		5.6		P
Sodium	20	5190		5060		2.5		P
Thallium	20	52.4		50.1		4.5		P
Vanadium	20	55		52.8		4.1		P
Zinc	20	54		51.8		4.2		P

Comments:

240707 1339

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

245962LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.296		0.307		3.6		CV

Comments:

240707 1339

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

245854LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507183

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits			%R
Aluminum				5000	5150		80	-	120	103.0
Antimony				50	53.6		80	-	120	107.2
Arsenic				50	52.8		80	-	120	105.6
Barium				150	160		80	-	120	106.7
Beryllium				50	55		80	-	120	110.0
Cadmium				50	51.3		80	-	120	102.6
Calcium				5000	5110		80	-	120	102.2
Chromium				50	53.8		80	-	120	107.6
Cobalt				50	52.7		80	-	120	105.4
Copper				50	52.9		80	-	120	105.8
Iron				5000	5330		80	-	120	106.6
Lead				50	54		80	-	120	108.0
Magnesium				5000	5000		80	-	120	100.0
Manganese				50	54.5		80	-	120	109.0
Nickel				50	52.8		80	-	120	105.6
Potassium				5000	5090		80	-	120	101.8
Selenium				50	51.2		80	-	120	102.4
Silver				20	22.2		80	-	120	111.0
Sodium				5000	5190		80	-	120	103.8
Thallium				50	52.4		80	-	120	104.8
Vanadium				50	55		80	-	120	110.0
Zinc				50	54		80	-	120	108.0

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LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 245855LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	5020		80 - 120	100.4
Antimony				50	51.9		80 - 120	103.8
Arsenic				50	50.5		80 - 120	101.0
Barium				150	155		80 - 120	103.3
Beryllium				50	53		80 - 120	106.0
Cadmium				50	49.7		80 - 120	99.4
Calcium				5000	4960		80 - 120	99.2
Chromium				50	51.8		80 - 120	103.6
Cobalt				50	50.7		80 - 120	101.4
Copper				50	51		80 - 120	102.0
Iron				5000	5190		80 - 120	103.8
Lead				50	52		80 - 120	104.0
Magnesium				5000	4880		80 - 120	97.6
Manganese				50	53		80 - 120	106.0
Nickel				50	51		80 - 120	102.0
Potassium				5000	4980		80 - 120	99.6
Selenium				50	50.1		80 - 120	100.2
Silver				20	21		80 - 120	105.0
Sodium				5000	5060		80 - 120	101.2
Thallium				50	50.1		80 - 120	100.2
Vanadium				50	52.8		80 - 120	105.6
Zinc				50	51.8		80 - 120	103.6

240707 1339

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LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 245962LCS

Lab Code : PEL Case No. SAS No: SDG No.: 2507183

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.296		80	120	98.7

240707 1339

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LABORATORY CONTROL SAMPLE

EPA Sample No.

245962LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 2507183

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.307		80	120	102.3

240707 1339

Chain of Custody Documentation

240707 1339

Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507183 KC

Company: TTE&A

Project Name/Number: National Petroleum Parker

Address: 1220 Kennestone Cir Marietta GA

Project Manager: L. Von OLDENBURG

Phone: 678-355-5550 Fax:

Purchase Order:

Page 3 of 8

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Print Names(s) / Affiliation: L. von OLDENBURG

Sampler(s) Signature(s):

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)				Analyses Requested: VOC	SVOC	PCB	METAL TAL	REQUESTED DUE DATE / / Remarks	Lab. No.
19	NPP - CARBON 2	7/12/7	14:30	G	WASTE	2	I	I	I		X	X	X	X	COARSE	01
20	NPP - D-26	7-12-7	↓	G	↓	2					X	X	X	X		02
21	NPP D-36	7-12-7	↓	G	↓	2					X	X	X	X		03
22	NPP D-44	7/12/7	14:30	G	WASTE	2					X	X	X	X		04
23	NPP - TT-2	7/12/7	14:30	G	↓	2										05
24	NPP TT-3	7/12/7	14:30	G	↓	2										06
25	NPP - DIKE 1	7/12/7	14:30	G	WASTE	2										07

Shipment Method: 14 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		J. Von Oldenburg TTE&A	07/10/07	1900			
Additional Comments:				7/12/07	16:00	J. Von Oldenburg TTE&A	07/13/07	10:10
Rec'd @ 4.0°C								
~~PW VIALS~~ 8260 JARS ONLY ML 7/16/07								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507183

135

FedEx Express US Airbill

FedEx Tracking Number 8605 8942 3144

Form ID No. 0200

Recipient's Copy

1 From

Date

Sender's Name J. V. O Phone (78 3) 5

Company TN & Associates, Inc

Address 1220 Kennedy Blvd E

City Tampa State FL ZIP

Dept./Floor/Suite/Room

2 Your Internal Billing Reference

3 To

Recipient's Name Phone 813 247 2617

Company PSC LMS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address 4420 Pennsylvania Ave

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

8605 8942 3144

4a Express Package Service — *Packages up to 150 lbs.*

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [X] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation:

** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	4	$ .00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [X] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

520

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250483

1336

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507183	**Req:**	83511
Client:	TN&A	**Project:**	National Petroleum Packers
Level:	2	**Date Rec'd:**	7/13/07 10:10:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	07/23/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0c	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507183 **Profile Name:** Nat'l Petro. **Profile #:** 83511

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 07	7470	Mercury	[signature]	BMD	71607	1000
01 - 07	7470	Mercury	N/A	→	→	→
01 - 07	6010	Metals	[signature]	BMD	71607	1000
01 - 07	6010	Metals	N/A	→	→	→
01 - 07	8260	Volatile Organic Compounds	[signature]	MSS	7/16/07	9:00
01 - 07	8260	Volatile Organic Compounds	→	consuming	→	→
01 - 07	8270	GCMS semivolatile	[signature]	SL	7/19/07	12:30
01 - 07	8270	GCMS semivolatile	SL	[signature]	7/19/07	18:00
01 - 07	8082	PCB	[signature]	SL	7/17/07	14:00
01 - 07	8082	PCB	SL	[signature]	7/17/07	20:30

Additional:

Comments:

Addendum

240707 1339

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 7/13/2007 10:10:00 AM

Date to be Reported: 7/27/2007

Laboratory Submission Number/SDG: 2507183

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507183

Project: National Petroleum Packers

Samples: The submission consisted of 7 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

Limited sample volume received, however, PEL will proceed with analysis.

Notes:

15-day TAT.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level 2

Total of: 35 analyses on 7 samples (including QC) *16-Jul-07*

Report/SDG #: 2507183

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-CARBON2	250718301		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-D26	250718302		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-D36	250718303		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507183

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-D44	250718304		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-TT-2	250718305		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-TT-3	250718306		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507183

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-DIKE 1	250718307		SO	7/12/2007 2:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Mark Gudnason

From: Mark Gudnason
Sent: Tuesday, July 24, 2007 1:42 PM
To: 'Russell Henderson'
Subject: RE: 2507183 8270

Russeill, regarding your concern for the lower than "typical" LCS recoveries on the 8270. The LCS was spiked at the normal level as an extractable soil sample where the final volume is 1 mL. The final volume on these waste sample, waste dilutions, is 10 mL. Therefore, the true values were much lower than typical which then caused a few more outliers.

Hope this helps.

Mark Gudnason
Project Manager
PEL Laboratories, Inc.
phone: 813-247-2805 ext. 242
fax: 813-248-1537
email: mgudnason@pelab.com
Visit our website at www.pelab.com

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-----Original Message-----
From: Mark Gudnason
Sent: Tuesday, July 24, 2007 1:21 PM
To: Russell Henderson
Subject: FW: 2507183 8270

Good afternoon.

-----Original Message-----
From: Brian Spann
Sent: Tuesday, July 24, 2007 12:49 PM
To: Project Managers
Subject: 2507183 8270

Sample NPP-CARBON2 was recovered below criteria for the following surrogate(s): Phenol-d5 at 0 % with criteria of (24-113).

Sample NPP-D26 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-D44 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-DIKE 1 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-TT-2 was recovered below criteria for the following surrogate(s): 2,4,6-

Tribromophenol at 0 % with criteria of (19-122).

Sample NPP-TT-3 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122).

Samples coded accordingly. The most probable cause for surrogate variances is matrix interference.

The following samples had surrogates that were diluted out: NPP-D36DL1

All acceptance criteria were met with the exception of:
LCS 3220LCS was analyzed with the soil samples extracted on 07/23/07. The following analyte(s) were recovered below criteria: 2,4-Dinitrophenol at 21 % with criteria of (29-130), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), and the following analyte(s) were recovered above criteria: 1,2-Dichlorobenzene at 95.6 % with criteria of (65-95), 4-Chloroaniline at 96.2 % with criteria of (57-95). The following analyte(s) had marginal exceedance limit failures: Benzyl alcohol at 46.8 % with criteria of (53.8-135.2).

LCS 3220LCSD was analyzed with the soil samples extracted on 07/23/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), Benzyl alcohol at 53.9 % with criteria of (64-125). and the following analyte(s) were recovered above criteria: 1,3-Dichlorobenzene at 103 % with criteria of (67-100), 2-Methylnaphthalene at 106 % with criteria of (72-105), N-Nitrosodiphenylamine at 116 % with criteria of (77-115). The following analyte(s) exceeded RPD criteria: 2,4-Dinitrophenol at 38.7 % with criteria of (30). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 101 % with criteria of (60-100), 4-Chloroaniline at 102 % with criteria of (50.7-101.3).

Samples coded accordingly. Since all other criteria were met, no further action was taken.

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METHOD 8260 GC/ MS VOLATILE ORGANICS 11
Sample Data 15
QC Summary 49
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Sample Data 70
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Sample Data 121
QC Summary 133

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Addendum 186

EXECUTIVE SUMMARY - Detection Highlights

2507185

SAMPLE ID: NPP-SB01

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	11900	9.85	MG/KG	SW6010B
Arsenic	2.68	0.985	MG/KG	SW6010B
Barium	19.9	0.492	MG/KG	SW6010B
Cadmium	0.107 B	0.492	MG/KG	SW6010B
Calcium	49.2	9.85	MG/KG	SW6010B
Chromium	4.1	0.492	MG/KG	SW6010B
Cobalt	0.0703 B	0.492	MG/KG	SW6010B
Copper	1.24	0.492	MG/KG	SW6010B
Iron	6910	4.92	MG/KG	SW6010B
Lead	4.77	0.67	MG/KG	SW6010B
Magnesium	113	9.85	MG/KG	SW6010B
Manganese	2.46	0.492	MG/KG	SW6010B
Nickel	0.359 B	0.492	MG/KG	SW6010B
Potassium	186	49.2	MG/KG	SW6010B
Selenium	0.545 B	0.985	MG/KG	SW6010B
Sodium	16.4 B	29.6	MG/KG	SW6010B
Vanadium	9.99	0.492	MG/KG	SW6010B
Zinc	0.9 B	0.985	MG/KG	SW6010B
Mercury	0.0157	0.0137	MG/KG	SW7470A
Acetone	12.6	9.5	UG/KG	SW8260B

SAMPLE ID: NPP-SB01 (8-9)

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	11800	9.27	MG/KG	SW6010B
Arsenic	1.42	0.927	MG/KG	SW6010B
Barium	21.5	0.464	MG/KG	SW6010B
Cadmium	0.0504 B	0.464	MG/KG	SW6010B
Calcium	199	9.27	MG/KG	SW6010B
Chromium	1.74	0.464	MG/KG	SW6010B
Cobalt	0.321 B	0.464	MG/KG	SW6010B
Copper	0.906	0.464	MG/KG	SW6010B
Iron	2750	4.64	MG/KG	SW6010B
Lead	4.23	0.63	MG/KG	SW6010B
Magnesium	139	9.27	MG/KG	SW6010B
Manganese	6.74	0.464	MG/KG	SW6010B
Nickel	0.6	0.464	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507185

Potassium	189	46.4	MG/KG	SW6010B
Sodium	22.1 B	27.8	MG/KG	SW6010B
Vanadium	4.57	0.464	MG/KG	SW6010B
Zinc	2.56	0.927	MG/KG	SW6010B
Mercury	0.00899 B	0.0182	MG/KG	SW7470A
Acetone	25.1	19	UG/KG	SW8260B
bis(2-ethylhexyl)phthalat	42.6 J	241	UG/KG	SW8270C

SAMPLE ID: NPP-SB02 (3-4)

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	4990	10.1	MG/KG	SW6010B
Arsenic	1.39	1.01	MG/KG	SW6010B
Barium	17.3	0.505	MG/KG	SW6010B
Calcium	99	10.1	MG/KG	SW6010B
Chromium	1.58	0.505	MG/KG	SW6010B
Cobalt	0.135 B	0.505	MG/KG	SW6010B
Copper	0.952	0.505	MG/KG	SW6010B
Iron	3030	5.05	MG/KG	SW6010B
Lead	2.92	0.687	MG/KG	SW6010B
Magnesium	89	10.1	MG/KG	SW6010B
Manganese	5	0.505	MG/KG	SW6010B
Nickel	0.176 B	0.505	MG/KG	SW6010B
Potassium	97.7	50.5	MG/KG	SW6010B
Sodium	21.2 B	30.3	MG/KG	SW6010B
Vanadium	3.77	0.505	MG/KG	SW6010B
Zinc	0.392 B	1.01	MG/KG	SW6010B
Acetone	10.9 J	15.2	UG/KG	SW8260B

SAMPLE ID: NPP-SB02 (8-9)

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	3860	10.3	MG/KG	SW6010B
Arsenic	1.41	1.03	MG/KG	SW6010B
Barium	27.3	0.515	MG/KG	SW6010B
Beryllium	0.68	0.515	MG/KG	SW6010B
Calcium	445	10.3	MG/KG	SW6010B
Chromium	0.696	0.515	MG/KG	SW6010B
Cobalt	14.7	0.515	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Copper	3	0.515	MG/KG	SW6010B
Iron	6140	5.15	MG/KG	SW6010B
Lead	4.5	0.7	MG/KG	SW6010B
Magnesium	112	10.3	MG/KG	SW6010B
Manganese	242	0.515	MG/KG	SW6010B
Nickel	0.296 B	0.515	MG/KG	SW6010B
Potassium	162	51.5	MG/KG	SW6010B
Selenium	0.556 B	1.03	MG/KG	SW6010B
Sodium	23.8 B	30.9	MG/KG	SW6010B
Vanadium	1.41	0.515	MG/KG	SW6010B
Zinc	1.63	1.03	MG/KG	SW6010B
Acetone	5.6 J	12	UG/KG	SW8260B

SAMPLE ID: NPP-SB03 (1.5-2.5)

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	3400	8.55	MG/KG	SW6010B
Antimony	0.252 B	0.855	MG/KG	SW6010B
Arsenic	1.27	0.855	MG/KG	SW6010B
Barium	16.2	0.428	MG/KG	SW6010B
Cadmium	0.17 B	0.428	MG/KG	SW6010B
Calcium	958	8.55	MG/KG	SW6010B
Chromium	3.23	0.428	MG/KG	SW6010B
Cobalt	2.74	0.428	MG/KG	SW6010B
Copper	1.94	0.428	MG/KG	SW6010B
Iron	4380	4.28	MG/KG	SW6010B
Lead	2.55	0.582	MG/KG	SW6010B
Magnesium	2720	8.55	MG/KG	SW6010B
Manganese	53.5	0.428	MG/KG	SW6010B
Nickel	9.48	0.428	MG/KG	SW6010B
Potassium	147	42.8	MG/KG	SW6010B
Sodium	129	25.6	MG/KG	SW6010B
Thallium	0.471 B	0.855	MG/KG	SW6010B
Vanadium	4.71	0.428	MG/KG	SW6010B
Zinc	4.03	0.855	MG/KG	SW6010B
Mercury	0.0135 B	0.0201	MG/KG	SW7470A

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPP-SB03 (7-8)

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	4500	9.78	MG/KG	SW6010B
Arsenic	2.1	0.978	MG/KG	SW6010B
Barium	12.2	0.489	MG/KG	SW6010B
Beryllium	0.231 B	0.489	MG/KG	SW6010B
Cadmium	0.149 B	0.489	MG/KG	SW6010B
Calcium	348	9.78	MG/KG	SW6010B
Chromium	2.16	0.489	MG/KG	SW6010B
Cobalt	0.876	0.489	MG/KG	SW6010B
Copper	2.42	0.489	MG/KG	SW6010B
Iron	7390	4.89	MG/KG	SW6010B
Lead	1.99	0.665	MG/KG	SW6010B
Magnesium	108	9.78	MG/KG	SW6010B
Manganese	19.3	0.489	MG/KG	SW6010B
Nickel	0.517	0.489	MG/KG	SW6010B
Potassium	230	48.9	MG/KG	SW6010B
Selenium	1.28	0.978	MG/KG	SW6010B
Sodium	73.1	29.4	MG/KG	SW6010B
Vanadium	3.57	0.489	MG/KG	SW6010B
Zinc	0.886 B	0.978	MG/KG	SW6010B
Acetone	6.3 J	12	UG/KG	SW8260B

SAMPLE ID: NPP-SB04 (6-7)

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	10600	9.56	MG/KG	SW6010B
Arsenic	3.91	0.956	MG/KG	SW6010B
Barium	26.8	0.478	MG/KG	SW6010B
Beryllium	0.934	0.478	MG/KG	SW6010B
Cadmium	0.73	0.478	MG/KG	SW6010B
Calcium	20	9.56	MG/KG	SW6010B
Chromium	4.9	0.478	MG/KG	SW6010B
Cobalt	1.94	0.478	MG/KG	SW6010B
Copper	6.51	0.478	MG/KG	SW6010B
Iron	33900	4.78	MG/KG	SW6010B
Lead	1.3	0.65	MG/KG	SW6010B
Magnesium	654	9.56	MG/KG	SW6010B
Manganese	74.5	0.478	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Nickel	0.717	0.478	MG/KG	SW6010B
Potassium	120	47.8	MG/KG	SW6010B
Selenium	1.96	0.956	MG/KG	SW6010B
Sodium	46.3	28.7	MG/KG	SW6010B
Vanadium	60.6	0.478	MG/KG	SW6010B
Zinc	5.82	0.956	MG/KG	SW6010B
Mercury	0.00549 B	0.0222	MG/KG	SW7470A
Acetone	8.6 J	13.1	UG/KG	SW8260B

SAMPLE ID: NPP-SB05 (5-6)

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	6920	9.43	MG/KG	SW6010B
Antimony	0.338 B	0.943	MG/KG	SW6010B
Arsenic	4.04	0.943	MG/KG	SW6010B
Barium	114	0.472	MG/KG	SW6010B
Beryllium	1.01	0.472	MG/KG	SW6010B
Cadmium	0.66	0.472	MG/KG	SW6010B
Calcium	862	9.43	MG/KG	SW6010B
Chromium	0.958	0.472	MG/KG	SW6010B
Cobalt	10.3	0.472	MG/KG	SW6010B
Copper	9.23	0.472	MG/KG	SW6010B
Iron	26200	4.72	MG/KG	SW6010B
Magnesium	2590	9.43	MG/KG	SW6010B
Manganese	186	0.472	MG/KG	SW6010B
Nickel	1.07	0.472	MG/KG	SW6010B
Potassium	56.6	47.2	MG/KG	SW6010B
Selenium	0.545 B	0.943	MG/KG	SW6010B
Sodium	662	28.3	MG/KG	SW6010B
Vanadium	17.2	0.472	MG/KG	SW6010B
Zinc	17.3	0.943	MG/KG	SW6010B
Acetone	6.4 J	14.7	UG/KG	SW8260B

SAMPLE ID: NPP-SB06 (3.5-4.5)

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	4290	8.43	MG/KG	SW6010B
Arsenic	1.66	0.843	MG/KG	SW6010B
Barium	9.68	0.421	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Cadmium	0.132 B	0.421	MG/KG	SW6010B
Calcium	412	8.43	MG/KG	SW6010B
Chromium	3.71	0.421	MG/KG	SW6010B
Cobalt	0.214 B	0.421	MG/KG	SW6010B
Copper	1.18	0.421	MG/KG	SW6010B
Iron	5400	4.21	MG/KG	SW6010B
Lead	1.97	0.573	MG/KG	SW6010B
Magnesium	150	8.43	MG/KG	SW6010B
Manganese	8.46	0.421	MG/KG	SW6010B
Nickel	0.659	0.421	MG/KG	SW6010B
Potassium	247	42.1	MG/KG	SW6010B
Sodium	44.4	25.3	MG/KG	SW6010B
Vanadium	10.7	0.421	MG/KG	SW6010B
Zinc	2.07	0.843	MG/KG	SW6010B
Mercury	0.00987 B	0.0136	MG/KG	SW7470A
Acetone	12.4	8.3	UG/KG	SW8260B

SAMPLE ID: NPP-SB06 (9-10)

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	11200	8.55	MG/KG	SW6010B
Antimony	0.293 B	0.855	MG/KG	SW6010B
Arsenic	1.18	0.855	MG/KG	SW6010B
Barium	22.2	0.428	MG/KG	SW6010B
Cadmium	0.232 B	0.428	MG/KG	SW6010B
Calcium	2320	8.55	MG/KG	SW6010B
Chromium	4.23	0.428	MG/KG	SW6010B
Cobalt	2.55	0.428	MG/KG	SW6010B
Copper	4.43	0.428	MG/KG	SW6010B
Iron	4440	4.28	MG/KG	SW6010B
Lead	4.21	0.582	MG/KG	SW6010B
Magnesium	1540	8.55	MG/KG	SW6010B
Manganese	41	0.428	MG/KG	SW6010B
Nickel	8.09	0.428	MG/KG	SW6010B
Potassium	212	42.8	MG/KG	SW6010B
Sodium	419	25.7	MG/KG	SW6010B
Vanadium	6.16	0.428	MG/KG	SW6010B
Zinc	17	0.855	MG/KG	SW6010B
Mercury	0.0139 B	0.015	MG/KG	SW7470A
Acetone	18.7	11.7	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPP-SB07 (3-4)

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	4930	11.1	MG/KG	SW6010B
Antimony	0.465 B	1.11	MG/KG	SW6010B
Arsenic	2.34	1.11	MG/KG	SW6010B
Barium	15.9	0.556	MG/KG	SW6010B
Cadmium	0.0742 B	0.556	MG/KG	SW6010B
Calcium	293	11.1	MG/KG	SW6010B
Chromium	2.74	0.556	MG/KG	SW6010B
Cobalt	0.356 B	0.556	MG/KG	SW6010B
Copper	1.37	0.556	MG/KG	SW6010B
Iron	3850	5.56	MG/KG	SW6010B
Lead	1.97	0.756	MG/KG	SW6010B
Magnesium	219	11.1	MG/KG	SW6010B
Manganese	16.8	0.556	MG/KG	SW6010B
Nickel	0.984	0.556	MG/KG	SW6010B
Potassium	111	55.6	MG/KG	SW6010B
Sodium	23 B	33.4	MG/KG	SW6010B
Vanadium	4.84	0.556	MG/KG	SW6010B
Zinc	1.66	1.11	MG/KG	SW6010B
Acetone	7 J	11.6	UG/KG	SW8260B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507185

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 072007LCS12 was analyzed with the soil samples on 07/20/07. The following analyte was recovered above criteria: Dichlorodifluoromethane at 148 % with criteria of (45-128). The following analyte had marginal exceedance limit failures: Dichlorodifluoromethane at 148 % with criteria of (31.2-141.8). No further action was taken since the LCSD sample was acceptable for this analyte.

LCS 072007LCS12D was analyzed with the soil samples on 07/20/07. The following analyte was recovered below criteria: Trichlorofluoromethane at 66 % with criteria of (70-130). No further

PEL Lab Reference No./SDG: 2507185

Client: T N & Associates, Inc.

action was required. The following analytes exceeded RPD criteria: 1,1-Dichloropropene at 31.1 % with criteria of (30), 2,2-Dichloropropane at 33 % with criteria of (30), Bromomethane at 39 % with criteria of (30), Carbon tetrachloride at 39.3 % with criteria of (30), Chloroethane at 37.1 % with criteria of (30), Dichlorodifluoromethane at 45.8 % with criteria of (30), Trichlorofluoromethane at 45.2 % with criteria of (30), Vinyl chloride at 38.5 % with criteria of (30). No further action was required.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

A client requested MS/SD set was analyzed. All percent recovery and relative percent difference (RPD) criteria were met with the exception of:

MS - NPP-SB02 MS (3-4) was analyzed with the soil samples on 07/20/07. The following analytes were recovered below criteria: 1,2-Dichloropropane at 69.1 % with criteria of (75-116), Bromodichloromethane at 76 % with criteria of (77-109).

SD - NPP-SB02 MSD (3-4) was analyzed with the soil samples on 07/20/07. The following analytes were recovered below criteria: 1,1-Dichloroethene at 65.9 % with criteria of (66-121), 1,2-Dichloropropane at 73 % with criteria of (75-116).

No further action was required. Samples coded accordingly.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 07/23/2007**

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VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Method: 8260

EPA Sample No	Lab Sample ID
NPP-SB01	250718501
NPP-SB01 (8-9)	250718502
NPP-SB02 (3-4)	250718503
NPP-SB02 (8-9)	250718504
NPP-SB03 (1.5-2.5)	250718507
NPP-SB03 (7-8)	250718508
NPP-SB04 (6-7)	250718509
NPP-SB05 (5-6)	250718510
NPP-SB06 (3.5-4.5)	250718511
NPP-SB06 (9-10)	250718512
NPP-SB07 (3-4)	250718513

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718501 Lab File ID: 18501.D

Sample wt/vol: 6.15 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1118

PercentSolids: 85.3 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1.9	U
74-87-3	Chloromethane	1.9	U
75-01-4	Vinyl chloride	1.9	U
74-83-9	Bromomethane	1.9	U
75-00-3	Chloroethane	4.8	U
75-69-4	Trichlorofluoromethane	1.9	U
75-35-4	1,1-Dichloroethene	1.9	U
107-02-8	Acrolein	23.8	U
74-88-4	Methyl iodide	1.9	U
75-15-0	Carbon disulfide	1.9	U
75-09-2	Methylene chloride	4.8	U
156-60-5	trans-1,2-Dichloroethene	1.9	U
107-13-1	Acrylonitrile	4.8	U
75-34-3	1,1-Dichloroethane	1.9	U
67-64-1	Acetone	12.6	
594-20-7	2,2-Dichloropropane	1.9	U
156-59-2	cis-1,2-Dichloroethene	1.9	U
74-97-5	Bromochloromethane	1.9	U
78-93-3	2-Butanone	9.5	U
67-66-3	Chloroform	1.9	U
71-55-6	1,1,1-Trichloroethane	1.9	U
56-23-5	Carbon tetrachloride	1.9	U
563-58-6	1,1-Dichloropropene	1.9	U
71-43-2	Benzene	1.9	U
107-06-2	1,2-Dichloroethane	1.9	U
79-01-6	Trichloroethene	1.9	U
108-05-4	Vinyl acetate	3.8	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718501 Lab File ID: 18501.D

Sample wt/vol: 6.15 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1118

PercentSolids: 85.3 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1.9	U
74-95-3	Dibromomethane	1.9	U
75-27-4	Bromodichloromethane	1.9	U
10061-01-5	cis-1,3-Dichloropropene	1.9	U
108-10-1	4-Methyl-2-pentanone	3.8	U
108-88-3	Toluene	1.9	U
10061-02-6	trans-1,3-Dichloropropene	1.9	U
79-00-5	1,1,2-Trichloroethane	1.9	U
127-18-4	Tetrachloroethene	4.8	U
142-28-9	1,3-Dichloropropane	1.9	U
591-78-6	2-Hexanone	3.8	U
124-48-1	Dibromochloromethane	1.9	U
106-93-4	1,2-Dibromoethane(EDB)	1.9	U
108-90-7	Chlorobenzene	1.9	U
630-20-6	1,1,1,2-Tetrachloroethane	1.9	U
100-41-4	Ethylbenzene	1.9	U
511-39-00	p,m-Xylene	3.8	U
95-47-6	o-Xylene	1.9	U
100-42-5	Styrene	1.9	U
75-25-2	Bromoform	4.8	U
98-82-8	Isopropylbenzene (Cumene)	1.9	U
108-86-1	Bromobenzene	1.9	U
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U
96-18-4	1,2,3-Trichloropropane	1.9	U
103-65-1	n-Propylbenzene	1.9	U
95-49-8	2-Chlorotoluene	1.9	U
106-43-4	4-Chlorotoluene	1.9	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718501 Lab File ID: 18501.D

Sample wt/vol: 6.15 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1118

PercentSolids: 85.3 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1.9	U
98-06-6	tert-Butylbenzene	1.9	U
95-63-6	1,2,4-Trimethylbenzene	1.9	U
135-98-8	sec-Butylbenzene	1.9	U
541-73-1	1,3-Dichlorobenzene	1.9	U
106-46-7	1,4-Dichlorobenzene	1.9	U
99-87-6	4-Isopropyltoluene	1.9	U
104-51-8	n-Butylbenzene	1.9	U
95-50-1	1,2-Dichlorobenzene	1.9	U
96-12-8	1,2-Dibromo-3-chloropropane	9.5	U
120-82-1	1,2,4-Trichlorobenzene	1.9	U
87-68-3	Hexachlorobutadiene	2.8	U
91-20-3	Naphthalene	1.9	U
87-61-6	1,2,3-Trichlorobenzene	1.9	U
1634-04-4	MTBE	1.9	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718502 Lab File ID: 18502.D

Sample wt/vol: 3.32 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1145

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	3.8	U
74-87-3	Chloromethane	3.8	U
75-01-4	Vinyl chloride	3.8	U
74-83-9	Bromomethane	3.8	U
75-00-3	Chloroethane	9.5	U
75-69-4	Trichlorofluoromethane	3.8	U
75-35-4	1,1-Dichloroethene	3.8	U
107-02-8	Acrolein	47.5	U
74-88-4	Methyl iodide	3.8	U
75-15-0	Carbon disulfide	3.8	U
75-09-2	Methylene chloride	9.5	U
156-60-5	trans-1,2-Dichloroethene	3.8	U
107-13-1	Acrylonitrile	9.5	U
75-34-3	1,1-Dichloroethane	3.8	U
67-64-1	Acetone	25.1	
594-20-7	2,2-Dichloropropane	3.8	U
156-59-2	cis-1,2-Dichloroethene	3.8	U
74-97-5	Bromochloromethane	3.8	U
78-93-3	2-Butanone	19	U
67-66-3	Chloroform	3.8	U
71-55-6	1,1,1-Trichloroethane	3.8	U
56-23-5	Carbon tetrachloride	3.8	U
563-58-6	1,1-Dichloropropene	3.8	U
71-43-2	Benzene	3.8	U
107-06-2	1,2-Dichloroethane	3.8	U
79-01-6	Trichloroethene	3.8	U
108-05-4	Vinyl acetate	7.6	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718502 Lab File ID: 18502.D

Sample wt/vol: 3.32 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1145

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	3.8	U
74-95-3	Dibromomethane	3.8	U
75-27-4	Bromodichloromethane	3.8	U
10061-01-5	cis-1,3-Dichloropropene	3.8	U
108-10-1	4-Methyl-2-pentanone	7.6	U
108-88-3	Toluene	3.8	U
10061-02-6	trans-1,3-Dichloropropene	3.8	U
79-00-5	1,1,2-Trichloroethane	3.8	U
127-18-4	Tetrachloroethene	9.5	U
142-28-9	1,3-Dichloropropane	3.8	U
591-78-6	2-Hexanone	7.6	U
124-48-1	Dibromochloromethane	3.8	U
106-93-4	1,2-Dibromoethane(EDB)	3.8	U
108-90-7	Chlorobenzene	3.8	U
630-20-6	1,1,1,2-Tetrachloroethane	3.8	U
100-41-4	Ethylbenzene	3.8	U
511-39-00	p,m-Xylene	7.6	U
95-47-6	o-Xylene	3.8	U
100-42-5	Styrene	3.8	U
75-25-2	Bromoform	9.5	U
98-82-8	Isopropylbenzene (Cumene)	3.8	U
108-86-1	Bromobenzene	3.8	U
79-34-5	1,1,2,2-Tetrachloroethane	3.8	U
96-18-4	1,2,3-Trichloropropane	3.8	U
103-65-1	n-Propylbenzene	3.8	U
95-49-8	2-Chlorotoluene	3.8	U
106-43-4	4-Chlorotoluene	3.8	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718502 Lab File ID: 18502.D

Sample wt/vol: 3.32 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1145

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	3.8	U
98-06-6	tert-Butylbenzene	3.8	U
95-63-6	1,2,4-Trimethylbenzene	3.8	U
135-98-8	sec-Butylbenzene	3.8	U
541-73-1	1,3-Dichlorobenzene	3.8	U
106-46-7	1,4-Dichlorobenzene	3.8	U
99-87-6	4-Isopropyltoluene	3.8	U
104-51-8	n-Butylbenzene	3.8	U
95-50-1	1,2-Dichlorobenzene	3.8	U
96-12-8	1,2-Dibromo-3-chloropropane	19	U
120-82-1	1,2,4-Trichlorobenzene	3.8	U
87-68-3	Hexachlorobutadiene	5.7	U
91-20-3	Naphthalene	3.8	U
87-61-6	1,2,3-Trichlorobenzene	3.8	U
1634-04-4	MTBE	3.8	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718503 Lab File ID: 18503.D

Sample wt/vol: 4.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1211

PercentSolids: 81.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	3	U
74-87-3	Chloromethane	3	U
75-01-4	Vinyl chloride	3	U
74-83-9	Bromomethane	3	U
75-00-3	Chloroethane	7.6	U
75-69-4	Trichlorofluoromethane	3	U
75-35-4	1,1-Dichloroethene	3	U
107-02-8	Acrolein	38	U
74-88-4	Methyl iodide	3	U
75-15-0	Carbon disulfide	3	U
75-09-2	Methylene chloride	7.6	U
156-60-5	trans-1,2-Dichloroethene	3	U
107-13-1	Acrylonitrile	7.6	U
75-34-3	1,1-Dichloroethane	3	U
67-64-1	Acetone	10.9	J
594-20-7	2,2-Dichloropropane	3	U
156-59-2	cis-1,2-Dichloroethene	3	U
74-97-5	Bromochloromethane	3	U
78-93-3	2-Butanone	15.2	U
67-66-3	Chloroform	3	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon tetrachloride	3	U
563-58-6	1,1-Dichloropropene	3	U
71-43-2	Benzene	3	U
107-06-2	1,2-Dichloroethane	3	U
79-01-6	Trichloroethene	3	U
108-05-4	Vinyl acetate	6.1	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718503 Lab File ID: 18503.D

Sample wt/vol: 4.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1211

PercentSolids: 81.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	3	U
74-95-3	Dibromomethane	3	U
75-27-4	Bromodichloromethane	3	U
10061-01-5	cis-1,3-Dichloropropene	3	U
108-10-1	4-Methyl-2-pentanone	6.1	U
108-88-3	Toluene	3	U
10061-02-6	trans-1,3-Dichloropropene	3	U
79-00-5	1,1,2-Trichloroethane	3	U
127-18-4	Tetrachloroethene	7.6	U
142-28-9	1,3-Dichloropropane	3	U
591-78-6	2-Hexanone	6.1	U
124-48-1	Dibromochloromethane	3	U
106-93-4	1,2-Dibromoethane(EDB)	3	U
108-90-7	Chlorobenzene	3	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
100-41-4	Ethylbenzene	3	U
511-39-00	p,m-Xylene	6.1	U
95-47-6	o-Xylene	3	U
100-42-5	Styrene	3	U
75-25-2	Bromoform	7.6	U
98-82-8	Isopropylbenzene (Cumene)	3	U
108-86-1	Bromobenzene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	3	U
103-65-1	n-Propylbenzene	3	U
95-49-8	2-Chlorotoluene	3	U
106-43-4	4-Chlorotoluene	3	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718503 Lab File ID: 18503.D

Sample wt/vol: 4.04 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1211

PercentSolids: 81.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	3	U
98-06-6	tert-Butylbenzene	3	U
95-63-6	1,2,4-Trimethylbenzene	3	U
135-98-8	sec-Butylbenzene	3	U
541-73-1	1,3-Dichlorobenzene	3	U
106-46-7	1,4-Dichlorobenzene	3	U
99-87-6	4-Isopropyltoluene	3	U
104-51-8	n-Butylbenzene	3	U
95-50-1	1,2-Dichlorobenzene	3	U
96-12-8	1,2-Dibromo-3-chloropropane	15.2	U
120-82-1	1,2,4-Trichlorobenzene	3	U
87-68-3	Hexachlorobutadiene	4.6	U
91-20-3	Naphthalene	3	U
87-61-6	1,2,3-Trichlorobenzene	3	U
1634-04-4	MTBE	3	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718504 Lab File ID: 18504.D

Sample wt/vol: 4.77 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1053

PercentSolids: 87.6 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2.4	U
74-87-3	Chloromethane	2.4	U
75-01-4	Vinyl chloride	2.4	U
74-83-9	Bromomethane	2.4	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	2.4	U
75-35-4	1,1-Dichloroethene	2.4	U
107-02-8	Acrolein	29.9	U
74-88-4	Methyl iodide	2.4	U
75-15-0	Carbon disulfide	2.4	U
75-09-2	Methylene chloride	6	U
156-60-5	trans-1,2-Dichloroethene	2.4	U
107-13-1	Acrylonitrile	6	U
75-34-3	1,1-Dichloroethane	2.4	U
67-64-1	Acetone	5.6	J
594-20-7	2,2-Dichloropropane	2.4	U
156-59-2	cis-1,2-Dichloroethene	2.4	U
74-97-5	Bromochloromethane	2.4	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	2.4	U
71-55-6	1,1,1-Trichloroethane	2.4	U
56-23-5	Carbon tetrachloride	2.4	U
563-58-6	1,1-Dichloropropene	2.4	U
71-43-2	Benzene	2.4	U
107-06-2	1,2-Dichloroethane	2.4	U
79-01-6	Trichloroethene	2.4	U
108-05-4	Vinyl acetate	4.8	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718504 Lab File ID: 18504.D

Sample wt/vol: 4.77 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1053

PercentSolids: 87.6 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2.4	U
74-95-3	Dibromomethane	2.4	U
75-27-4	Bromodichloromethane	2.4	U
10061-01-5	cis-1,3-Dichloropropene	2.4	U
108-10-1	4-Methyl-2-pentanone	4.8	U
108-88-3	Toluene	2.4	U
10061-02-6	trans-1,3-Dichloropropene	2.4	U
79-00-5	1,1,2-Trichloroethane	2.4	U
127-18-4	Tetrachloroethene	6	U
142-28-9	1,3-Dichloropropane	2.4	U
591-78-6	2-Hexanone	4.8	U
124-48-1	Dibromochloromethane	2.4	U
106-93-4	1,2-Dibromoethane(EDB)	2.4	U
108-90-7	Chlorobenzene	2.4	U
630-20-6	1,1,1,2-Tetrachloroethane	2.4	U
100-41-4	Ethylbenzene	2.4	U
511-39-00	p,m-Xylene	4.8	U
95-47-6	o-Xylene	2.4	U
100-42-5	Styrene	2.4	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene (Cumene)	2.4	U
108-86-1	Bromobenzene	2.4	U
79-34-5	1,1,2,2-Tetrachloroethane	2.4	U
96-18-4	1,2,3-Trichloropropane	2.4	U
103-65-1	n-Propylbenzene	2.4	U
95-49-8	2-Chlorotoluene	2.4	U
106-43-4	4-Chlorotoluene	2.4	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718504 Lab File ID: 18504.D

Sample wt/vol: 4.77 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1053

PercentSolids: 87.6 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2.4	U
98-06-6	tert-Butylbenzene	2.4	U
95-63-6	1,2,4-Trimethylbenzene	2.4	U
135-98-8	sec-Butylbenzene	2.4	U
541-73-1	1,3-Dichlorobenzene	2.4	U
106-46-7	1,4-Dichlorobenzene	2.4	U
99-87-6	4-Isopropyltoluene	2.4	U
104-51-8	n-Butylbenzene	2.4	U
95-50-1	1,2-Dichlorobenzene	2.4	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	2.4	U
87-68-3	Hexachlorobutadiene	3.6	U
91-20-3	Naphthalene	2.4	U
87-61-6	1,2,3-Trichlorobenzene	2.4	U
1634-04-4	MTBE	2.4	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (1.5-2.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718507 Lab File ID: 18507.D

Sample wt/vol: 5.47 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1236

PercentSolids: 93.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2	U
74-87-3	Chloromethane	2	U
75-01-4	Vinyl chloride	2	U
74-83-9	Bromomethane	2	U
75-00-3	Chloroethane	4.9	U
75-69-4	Trichlorofluoromethane	2	U
75-35-4	1,1-Dichloroethene	2	U
107-02-8	Acrolein	24.5	U
74-88-4	Methyl iodide	2	U
75-15-0	Carbon disulfide	2	U
75-09-2	Methylene chloride	4.9	U
156-60-5	trans-1,2-Dichloroethene	2	U
107-13-1	Acrylonitrile	4.9	U
75-34-3	1,1-Dichloroethane	2	U
67-64-1	Acetone	9.8	U
594-20-7	2,2-Dichloropropane	2	U
156-59-2	cis-1,2-Dichloroethene	2	U
74-97-5	Bromochloromethane	2	U
78-93-3	2-Butanone	9.8	U
67-66-3	Chloroform	2	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon tetrachloride	2	U
563-58-6	1,1-Dichloropropene	2	U
71-43-2	Benzene	2	U
107-06-2	1,2-Dichloroethane	2	U
79-01-6	Trichloroethene	2	U
108-05-4	Vinyl acetate	3.9	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (1.5-2.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718507 Lab File ID: 18507.D

Sample wt/vol: 5.47 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1236

PercentSolids: 93.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2	U
74-95-3	Dibromomethane	2	U
75-27-4	Bromodichloromethane	2	U
10061-01-5	cis-1,3-Dichloropropene	2	U
108-10-1	4-Methyl-2-pentanone	3.9	U
108-88-3	Toluene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
79-00-5	1,1,2-Trichloroethane	2	U
127-18-4	Tetrachloroethene	4.9	U
142-28-9	1,3-Dichloropropane	2	U
591-78-6	2-Hexanone	3.9	U
124-48-1	Dibromochloromethane	2	U
106-93-4	1,2-Dibromoethane(EDB)	2	U
108-90-7	Chlorobenzene	2	U
630-20-6	1,1,1,2-Tetrachloroethane	2	U
100-41-4	Ethylbenzene	2	U
511-39-00	p,m-Xylene	3.9	U
95-47-6	o-Xylene	2	U
100-42-5	Styrene	2	U
75-25-2	Bromoform	4.9	U
98-82-8	Isopropylbenzene (Cumene)	2	U
108-86-1	Bromobenzene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U
96-18-4	1,2,3-Trichloropropane	2	U
103-65-1	n-Propylbenzene	2	U
95-49-8	2-Chlorotoluene	2	U
106-43-4	4-Chlorotoluene	2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (1.5-2.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718507 Lab File ID: 18507.D

Sample wt/vol: 5.47 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1236

PercentSolids: 93.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2	U
98-06-6	tert-Butylbenzene	2	U
95-63-6	1,2,4-Trimethylbenzene	2	U
135-98-8	sec-Butylbenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
99-87-6	4-Isopropyltoluene	2	U
104-51-8	n-Butylbenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
96-12-8	1,2-Dibromo-3-chloropropane	9.8	U
120-82-1	1,2,4-Trichlorobenzene	2	U
87-68-3	Hexachlorobutadiene	2.9	U
91-20-3	Naphthalene	2	U
87-61-6	1,2,3-Trichlorobenzene	2	U
1634-04-4	MTBE	2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (7-8)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718508 Lab File ID: 18508R.D

Sample wt/vol: 5 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1537

PercentSolids: 83.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2.4	U
74-87-3	Chloromethane	2.4	U
75-01-4	Vinyl chloride	2.4	U
74-83-9	Bromomethane	2.4	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	2.4	U
75-35-4	1,1-Dichloroethene	2.4	U
107-02-8	Acrolein	29.9	U
74-88-4	Methyl iodide	2.4	U
75-15-0	Carbon disulfide	2.4	U
75-09-2	Methylene chloride	6	U
156-60-5	trans-1,2-Dichloroethene	2.4	U
107-13-1	Acrylonitrile	6	U
75-34-3	1,1-Dichloroethane	2.4	U
67-64-1	Acetone	6.3	J
594-20-7	2,2-Dichloropropane	2.4	U
156-59-2	cis-1,2-Dichloroethene	2.4	U
74-97-5	Bromochloromethane	2.4	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	2.4	U
71-55-6	1,1,1-Trichloroethane	2.4	U
56-23-5	Carbon tetrachloride	2.4	U
563-58-6	1,1-Dichloropropene	2.4	U
71-43-2	Benzene	2.4	U
107-06-2	1,2-Dichloroethane	2.4	U
79-01-6	Trichloroethene	2.4	U
108-05-4	Vinyl acetate	4.8	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (7-8)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718508 Lab File ID: 18508R.D

Sample wt/vol: 5 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1537

PercentSolids: 83.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2.4	U
74-95-3	Dibromomethane	2.4	U
75-27-4	Bromodichloromethane	2.4	U
10061-01-5	cis-1,3-Dichloropropene	2.4	U
108-10-1	4-Methyl-2-pentanone	4.8	U
108-88-3	Toluene	2.4	U
10061-02-6	trans-1,3-Dichloropropene	2.4	U
79-00-5	1,1,2-Trichloroethane	2.4	U
127-18-4	Tetrachloroethene	6	U
142-28-9	1,3-Dichloropropane	2.4	U
591-78-6	2-Hexanone	4.8	U
124-48-1	Dibromochloromethane	2.4	U
106-93-4	1,2-Dibromoethane(EDB)	2.4	U
108-90-7	Chlorobenzene	2.4	U
630-20-6	1,1,1,2-Tetrachloroethane	2.4	U
100-41-4	Ethylbenzene	2.4	U
511-39-00	p,m-Xylene	4.8	U
95-47-6	o-Xylene	2.4	U
100-42-5	Styrene	2.4	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene (Cumene)	2.4	U
108-86-1	Bromobenzene	2.4	U
79-34-5	1,1,2,2-Tetrachloroethane	2.4	U
96-18-4	1,2,3-Trichloropropane	2.4	U
103-65-1	n-Propylbenzene	2.4	U
95-49-8	2-Chlorotoluene	2.4	U
106-43-4	4-Chlorotoluene	2.4	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (7-8)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718508 Lab File ID: 18508R.D

Sample wt/vol: 5 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1537

PercentSolids: 83.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2.4	U
98-06-6	tert-Butylbenzene	2.4	U
95-63-6	1,2,4-Trimethylbenzene	2.4	U
135-98-8	sec-Butylbenzene	2.4	U
541-73-1	1,3-Dichlorobenzene	2.4	U
106-46-7	1,4-Dichlorobenzene	2.4	U
99-87-6	4-Isopropyltoluene	2.4	U
104-51-8	n-Butylbenzene	2.4	U
95-50-1	1,2-Dichlorobenzene	2.4	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	2.4	U
87-68-3	Hexachlorobutadiene	3.6	U
91-20-3	Naphthalene	2.4	U
87-61-6	1,2,3-Trichlorobenzene	2.4	U
1634-04-4	MTBE	2.4	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB04 (6-7)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718509 Lab File ID: 18509.D

Sample wt/vol: 4.74 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1328

PercentSolids: 80.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2.6	U
74-87-3	Chloromethane	2.6	U
75-01-4	Vinyl chloride	2.6	U
74-83-9	Bromomethane	2.6	U
75-00-3	Chloroethane	6.6	U
75-69-4	Trichlorofluoromethane	2.6	U
75-35-4	1,1-Dichloroethene	2.6	U
107-02-8	Acrolein	32.8	U
74-88-4	Methyl iodide	2.6	U
75-15-0	Carbon disulfide	2.6	U
75-09-2	Methylene chloride	6.6	U
156-60-5	trans-1,2-Dichloroethene	2.6	U
107-13-1	Acrylonitrile	6.6	U
75-34-3	1,1-Dichloroethane	2.6	U
67-64-1	Acetone	8.6	J
594-20-7	2,2-Dichloropropane	2.6	U
156-59-2	cis-1,2-Dichloroethene	2.6	U
74-97-5	Bromochloromethane	2.6	U
78-93-3	2-Butanone	13.1	U
67-66-3	Chloroform	2.6	U
71-55-6	1,1,1-Trichloroethane	2.6	U
56-23-5	Carbon tetrachloride	2.6	U
563-58-6	1,1-Dichloropropene	2.6	U
71-43-2	Benzene	2.6	U
107-06-2	1,2-Dichloroethane	2.6	U
79-01-6	Trichloroethene	2.6	U
108-05-4	Vinyl acetate	5.2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB04 (6-7)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718509 Lab File ID: 18509.D

Sample wt/vol: 4.74 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1328

PercentSolids: 80.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2.6	U
74-95-3	Dibromomethane	2.6	U
75-27-4	Bromodichloromethane	2.6	U
10061-01-5	cis-1,3-Dichloropropene	2.6	U
108-10-1	4-Methyl-2-pentanone	5.2	U
108-88-3	Toluene	2.6	U
10061-02-6	trans-1,3-Dichloropropene	2.6	U
79-00-5	1,1,2-Trichloroethane	2.6	U
127-18-4	Tetrachloroethene	6.6	U
142-28-9	1,3-Dichloropropane	2.6	U
591-78-6	2-Hexanone	5.2	U
124-48-1	Dibromochloromethane	2.6	U
106-93-4	1,2-Dibromoethane(EDB)	2.6	U
108-90-7	Chlorobenzene	2.6	U
630-20-6	1,1,1,2-Tetrachloroethane	2.6	U
100-41-4	Ethylbenzene	2.6	U
511-39-00	p,m-Xylene	5.2	U
95-47-6	o-Xylene	2.6	U
100-42-5	Styrene	2.6	U
75-25-2	Bromoform	6.6	U
98-82-8	Isopropylbenzene (Cumene)	2.6	U
108-86-1	Bromobenzene	2.6	U
79-34-5	1,1,2,2-Tetrachloroethane	2.6	U
96-18-4	1,2,3-Trichloropropane	2.6	U
103-65-1	n-Propylbenzene	2.6	U
95-49-8	2-Chlorotoluene	2.6	U
106-43-4	4-Chlorotoluene	2.6	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB04 (6-7)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718509 Lab File ID: 18509.D

Sample wt/vol: 4.74 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1328

PercentSolids: 80.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2.6	U
98-06-6	tert-Butylbenzene	2.6	U
95-63-6	1,2,4-Trimethylbenzene	2.6	U
135-98-8	sec-Butylbenzene	2.6	U
541-73-1	1,3-Dichlorobenzene	2.6	U
106-46-7	1,4-Dichlorobenzene	2.6	U
99-87-6	4-Isopropyltoluene	2.6	U
104-51-8	n-Butylbenzene	2.6	U
95-50-1	1,2-Dichlorobenzene	2.6	U
96-12-8	1,2-Dibromo-3-chloropropane	13.1	U
120-82-1	1,2,4-Trichlorobenzene	2.6	U
87-68-3	Hexachlorobutadiene	3.9	U
91-20-3	Naphthalene	2.6	U
87-61-6	1,2,3-Trichlorobenzene	2.6	U
1634-04-4	MTBE	2.6	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB05 (5-6)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718510 Lab File ID: 18510.D

Sample wt/vol: 4.02 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1352

PercentSolids: 84.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2.9	U
74-87-3	Chloromethane	2.9	U
75-01-4	Vinyl chloride	2.9	U
74-83-9	Bromomethane	2.9	U
75-00-3	Chloroethane	7.4	U
75-69-4	Trichlorofluoromethane	2.9	U
75-35-4	1,1-Dichloroethene	2.9	U
107-02-8	Acrolein	36.8	U
74-88-4	Methyl iodide	2.9	U
75-15-0	Carbon disulfide	2.9	U
75-09-2	Methylene chloride	7.4	U
156-60-5	trans-1,2-Dichloroethene	2.9	U
107-13-1	Acrylonitrile	7.4	U
75-34-3	1,1-Dichloroethane	2.9	U
67-64-1	Acetone	6.4	J
594-20-7	2,2-Dichloropropane	2.9	U
156-59-2	cis-1,2-Dichloroethene	2.9	U
74-97-5	Bromochloromethane	2.9	U
78-93-3	2-Butanone	14.7	U
67-66-3	Chloroform	2.9	U
71-55-6	1,1,1-Trichloroethane	2.9	U
56-23-5	Carbon tetrachloride	2.9	U
563-58-6	1,1-Dichloropropene	2.9	U
71-43-2	Benzene	2.9	U
107-06-2	1,2-Dichloroethane	2.9	U
79-01-6	Trichloroethene	2.9	U
108-05-4	Vinyl acetate	5.9	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB05 (5-6)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718510 Lab File ID: 18510.D

Sample wt/vol: 4.02 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1352

PercentSolids: 84.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2.9	U
74-95-3	Dibromomethane	2.9	U
75-27-4	Bromodichloromethane	2.9	U
10061-01-5	cis-1,3-Dichloropropene	2.9	U
108-10-1	4-Methyl-2-pentanone	5.9	U
108-88-3	Toluene	2.9	U
10061-02-6	trans-1,3-Dichloropropene	2.9	U
79-00-5	1,1,2-Trichloroethane	2.9	U
127-18-4	Tetrachloroethene	7.4	U
142-28-9	1,3-Dichloropropane	2.9	U
591-78-6	2-Hexanone	5.9	U
124-48-1	Dibromochloromethane	2.9	U
106-93-4	1,2-Dibromoethane(EDB)	2.9	U
108-90-7	Chlorobenzene	2.9	U
630-20-6	1,1,1,2-Tetrachloroethane	2.9	U
100-41-4	Ethylbenzene	2.9	U
511-39-00	p,m-Xylene	5.9	U
95-47-6	o-Xylene	2.9	U
100-42-5	Styrene	2.9	U
75-25-2	Bromoform	7.4	U
98-82-8	Isopropylbenzene (Cumene)	2.9	U
108-86-1	Bromobenzene	2.9	U
79-34-5	1,1,2,2-Tetrachloroethane	2.9	U
96-18-4	1,2,3-Trichloropropane	2.9	U
103-65-1	n-Propylbenzene	2.9	U
95-49-8	2-Chlorotoluene	2.9	U
106-43-4	4-Chlorotoluene	2.9	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB05 (5-6)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718510 Lab File ID: 18510.D

Sample wt/vol: 4.02 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1352

PercentSolids: 84.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2.9	U
98-06-6	tert-Butylbenzene	2.9	U
95-63-6	1,2,4-Trimethylbenzene	2.9	U
135-98-8	sec-Butylbenzene	2.9	U
541-73-1	1,3-Dichlorobenzene	2.9	U
106-46-7	1,4-Dichlorobenzene	2.9	U
99-87-6	4-Isopropyltoluene	2.9	U
104-51-8	n-Butylbenzene	2.9	U
95-50-1	1,2-Dichlorobenzene	2.9	U
96-12-8	1,2-Dibromo-3-chloropropane	14.7	U
120-82-1	1,2,4-Trichlorobenzene	2.9	U
87-68-3	Hexachlorobutadiene	4.4	U
91-20-3	Naphthalene	2.9	U
87-61-6	1,2,3-Trichlorobenzene	2.9	U
1634-04-4	MTBE	2.9	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (3.5-4.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718511 Lab File ID: 18511.D

Sample wt/vol: 6.56 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1418

PercentSolids: 92 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1.6	U
74-87-3	Chloromethane	1.6	U
75-01-4	Vinyl chloride	1.6	U
74-83-9	Bromomethane	1.6	U
75-00-3	Chloroethane	4.1	U
75-69-4	Trichlorofluoromethane	1.6	U
75-35-4	1,1-Dichloroethene	1.6	U
107-02-8	Acrolein	20.7	U
74-88-4	Methyl iodide	1.6	U
75-15-0	Carbon disulfide	1.6	U
75-09-2	Methylene chloride	4.1	U
156-60-5	trans-1,2-Dichloroethene	1.6	U
107-13-1	Acrylonitrile	4.1	U
75-34-3	1,1-Dichloroethane	1.6	U
67-64-1	Acetone	12.4	
594-20-7	2,2-Dichloropropane	1.6	U
156-59-2	cis-1,2-Dichloroethene	1.6	U
74-97-5	Bromochloromethane	1.6	U
78-93-3	2-Butanone	8.3	U
67-66-3	Chloroform	1.6	U
71-55-6	1,1,1-Trichloroethane	1.6	U
56-23-5	Carbon tetrachloride	1.6	U
563-58-6	1,1-Dichloropropene	1.6	U
71-43-2	Benzene	1.6	U
107-06-2	1,2-Dichloroethane	1.6	U
79-01-6	Trichloroethene	1.6	U
108-05-4	Vinyl acetate	3.3	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (3.5-4.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718511 Lab File ID: 18511.D

Sample wt/vol: 6.56 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1418

PercentSolids: 92 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1.6	U
74-95-3	Dibromomethane	1.6	U
75-27-4	Bromodichloromethane	1.6	U
10061-01-5	cis-1,3-Dichloropropene	1.6	U
108-10-1	4-Methyl-2-pentanone	3.3	U
108-88-3	Toluene	1.6	U
10061-02-6	trans-1,3-Dichloropropene	1.6	U
79-00-5	1,1,2-Trichloroethane	1.6	U
127-18-4	Tetrachloroethene	4.1	U
142-28-9	1,3-Dichloropropane	1.6	U
591-78-6	2-Hexanone	3.3	U
124-48-1	Dibromochloromethane	1.6	U
106-93-4	1,2-Dibromoethane(EDB)	1.6	U
108-90-7	Chlorobenzene	1.6	U
630-20-6	1,1,1,2-Tetrachloroethane	1.6	U
100-41-4	Ethylbenzene	1.6	U
511-39-00	p,m-Xylene	3.3	U
95-47-6	o-Xylene	1.6	U
100-42-5	Styrene	1.6	U
75-25-2	Bromoform	4.1	U
98-82-8	Isopropylbenzene (Cumene)	1.6	U
108-86-1	Bromobenzene	1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U
96-18-4	1,2,3-Trichloropropane	1.6	U
103-65-1	n-Propylbenzene	1.6	U
95-49-8	2-Chlorotoluene	1.6	U
106-43-4	4-Chlorotoluene	1.6	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (3.5-4.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718511 Lab File ID: 18511.D

Sample wt/vol: 6.56 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1418

PercentSolids: 92 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1.6	U
98-06-6	tert-Butylbenzene	1.6	U
95-63-6	1,2,4-Trimethylbenzene	1.6	U
135-98-8	sec-Butylbenzene	1.6	U
541-73-1	1,3-Dichlorobenzene	1.6	U
106-46-7	1,4-Dichlorobenzene	1.6	U
99-87-6	4-Isopropyltoluene	1.6	U
104-51-8	n-Butylbenzene	1.6	U
95-50-1	1,2-Dichlorobenzene	1.6	U
96-12-8	1,2-Dibromo-3-chloropropane	8.3	U
120-82-1	1,2,4-Trichlorobenzene	1.6	U
87-68-3	Hexachlorobutadiene	2.5	U
91-20-3	Naphthalene	1.6	U
87-61-6	1,2,3-Trichlorobenzene	1.6	U
1634-04-4	MTBE	1.6	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (9-10)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718512 Lab File ID: 18512.D

Sample wt/vol: 5.39 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1445

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2.3	U
74-87-3	Chloromethane	2.3	U
75-01-4	Vinyl chloride	2.3	U
74-83-9	Bromomethane	2.3	U
75-00-3	Chloroethane	5.8	U
75-69-4	Trichlorofluoromethane	2.3	U
75-35-4	1,1-Dichloroethene	2.3	U
107-02-8	Acrolein	29.3	U
74-88-4	Methyl iodide	2.3	U
75-15-0	Carbon disulfide	2.3	U
75-09-2	Methylene chloride	5.8	U
156-60-5	trans-1,2-Dichloroethene	2.3	U
107-13-1	Acrylonitrile	5.8	U
75-34-3	1,1-Dichloroethane	2.3	U
67-64-1	Acetone	18.7	
594-20-7	2,2-Dichloropropane	2.3	U
156-59-2	cis-1,2-Dichloroethene	2.3	U
74-97-5	Bromochloromethane	2.3	U
78-93-3	2-Butanone	11.7	U
67-66-3	Chloroform	2.3	U
71-55-6	1,1,1-Trichloroethane	2.3	U
56-23-5	Carbon tetrachloride	2.3	U
563-58-6	1,1-Dichloropropene	2.3	U
71-43-2	Benzene	2.3	U
107-06-2	1,2-Dichloroethane	2.3	U
79-01-6	Trichloroethene	2.3	U
108-05-4	Vinyl acetate	4.7	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (9-10)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718512 Lab File ID: 18512.D

Sample wt/vol: 5.39 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1445

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2.3	U
74-95-3	Dibromomethane	2.3	U
75-27-4	Bromodichloromethane	2.3	U
10061-01-5	cis-1,3-Dichloropropene	2.3	U
108-10-1	4-Methyl-2-pentanone	4.7	U
108-88-3	Toluene	2.3	U
10061-02-6	trans-1,3-Dichloropropene	2.3	U
79-00-5	1,1,2-Trichloroethane	2.3	U
127-18-4	Tetrachloroethene	5.8	U
142-28-9	1,3-Dichloropropane	2.3	U
591-78-6	2-Hexanone	4.7	U
124-48-1	Dibromochloromethane	2.3	U
106-93-4	1,2-Dibromoethane(EDB)	2.3	U
108-90-7	Chlorobenzene	2.3	U
630-20-6	1,1,1,2-Tetrachloroethane	2.3	U
100-41-4	Ethylbenzene	2.3	U
511-39-00	p,m-Xylene	4.7	U
95-47-6	o-Xylene	2.3	U
100-42-5	Styrene	2.3	U
75-25-2	Bromoform	5.8	U
98-82-8	Isopropylbenzene (Cumene)	2.3	U
108-86-1	Bromobenzene	2.3	U
79-34-5	1,1,2,2-Tetrachloroethane	2.3	U
96-18-4	1,2,3-Trichloropropane	2.3	U
103-65-1	n-Propylbenzene	2.3	U
95-49-8	2-Chlorotoluene	2.3	U
106-43-4	4-Chlorotoluene	2.3	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (9-10)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718512 Lab File ID: 18512.D

Sample wt/vol: 5.39 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1445

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2.3	U
98-06-6	tert-Butylbenzene	2.3	U
95-63-6	1,2,4-Trimethylbenzene	2.3	U
135-98-8	sec-Butylbenzene	2.3	U
541-73-1	1,3-Dichlorobenzene	2.3	U
106-46-7	1,4-Dichlorobenzene	2.3	U
99-87-6	4-Isopropyltoluene	2.3	U
104-51-8	n-Butylbenzene	2.3	U
95-50-1	1,2-Dichlorobenzene	2.3	U
96-12-8	1,2-Dibromo-3-chloropropane	11.7	U
120-82-1	1,2,4-Trichlorobenzene	2.3	U
87-68-3	Hexachlorobutadiene	3.5	U
91-20-3	Naphthalene	2.3	U
87-61-6	1,2,3-Trichlorobenzene	2.3	U
1634-04-4	MTBE	2.3	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB07 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718513 Lab File ID: 18513.D

Sample wt/vol: 4.94 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1511

PercentSolids: 87.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2.3	U
74-87-3	Chloromethane	2.3	U
75-01-4	Vinyl chloride	2.3	U
74-83-9	Bromomethane	2.3	U
75-00-3	Chloroethane	5.8	U
75-69-4	Trichlorofluoromethane	2.3	U
75-35-4	1,1-Dichloroethene	2.3	U
107-02-8	Acrolein	28.9	U
74-88-4	Methyl iodide	2.3	U
75-15-0	Carbon disulfide	2.3	U
75-09-2	Methylene chloride	5.8	U
156-60-5	trans-1,2-Dichloroethene	2.3	U
107-13-1	Acrylonitrile	5.8	U
75-34-3	1,1-Dichloroethane	2.3	U
67-64-1	Acetone	7	J
594-20-7	2,2-Dichloropropane	2.3	U
156-59-2	cis-1,2-Dichloroethene	2.3	U
74-97-5	Bromochloromethane	2.3	U
78-93-3	2-Butanone	11.6	U
67-66-3	Chloroform	2.3	U
71-55-6	1,1,1-Trichloroethane	2.3	U
56-23-5	Carbon tetrachloride	2.3	U
563-58-6	1,1-Dichloropropene	2.3	U
71-43-2	Benzene	2.3	U
107-06-2	1,2-Dichloroethane	2.3	U
79-01-6	Trichloroethene	2.3	U
108-05-4	Vinyl acetate	4.6	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB07 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718513 Lab File ID: 18513.D

Sample wt/vol: 4.94 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1511

PercentSolids: 87.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2.3	U
74-95-3	Dibromomethane	2.3	U
75-27-4	Bromodichloromethane	2.3	U
10061-01-5	cis-1,3-Dichloropropene	2.3	U
108-10-1	4-Methyl-2-pentanone	4.6	U
108-88-3	Toluene	2.3	U
10061-02-6	trans-1,3-Dichloropropene	2.3	U
79-00-5	1,1,2-Trichloroethane	2.3	U
127-18-4	Tetrachloroethene	5.8	U
142-28-9	1,3-Dichloropropane	2.3	U
591-78-6	2-Hexanone	4.6	U
124-48-1	Dibromochloromethane	2.3	U
106-93-4	1,2-Dibromoethane(EDB)	2.3	U
108-90-7	Chlorobenzene	2.3	U
630-20-6	1,1,1,2-Tetrachloroethane	2.3	U
100-41-4	Ethylbenzene	2.3	U
511-39-00	p,m-Xylene	4.6	U
95-47-6	o-Xylene	2.3	U
100-42-5	Styrene	2.3	U
75-25-2	Bromoform	5.8	U
98-82-8	Isopropylbenzene (Cumene)	2.3	U
108-86-1	Bromobenzene	2.3	U
79-34-5	1,1,2,2-Tetrachloroethane	2.3	U
96-18-4	1,2,3-Trichloropropane	2.3	U
103-65-1	n-Propylbenzene	2.3	U
95-49-8	2-Chlorotoluene	2.3	U
106-43-4	4-Chlorotoluene	2.3	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB07 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718513 Lab File ID: 18513.D

Sample wt/vol: 4.94 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1511

PercentSolids: 87.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2.3	U
98-06-6	tert-Butylbenzene	2.3	U
95-63-6	1,2,4-Trimethylbenzene	2.3	U
135-98-8	sec-Butylbenzene	2.3	U
541-73-1	1,3-Dichlorobenzene	2.3	U
106-46-7	1,4-Dichlorobenzene	2.3	U
99-87-6	4-Isopropyltoluene	2.3	U
104-51-8	n-Butylbenzene	2.3	U
95-50-1	1,2-Dichlorobenzene	2.3	U
96-12-8	1,2-Dibromo-3-chloropropane	11.6	U
120-82-1	1,2,4-Trichlorobenzene	2.3	U
87-68-3	Hexachlorobutadiene	3.5	U
91-20-3	Naphthalene	2.3	U
87-61-6	1,2,3-Trichlorobenzene	2.3	U
1634-04-4	MTBE	2.3	U

QC Summary

230707 1646

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 072007BLK11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 072007BLK11 Lab File ID: BLK11.D

Sample wt/vol: 5 Units: G Date Received: 07/20/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0952

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2	U
74-87-3	Chloromethane	2	U
75-01-4	Vinyl chloride	2	U
74-83-9	Bromomethane	2	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	2	U
75-35-4	1,1-Dichloroethene	2	U
107-02-8	Acrolein	25	U
74-88-4	Methyl iodide	2	U
75-15-0	Carbon disulfide	2	U
75-09-2	Methylene chloride	5	U
156-60-5	trans-1,2-Dichloroethene	2	U
107-13-1	Acrylonitrile	5	U
75-34-3	1,1-Dichloroethane	2	U
67-64-1	Acetone	10	U
594-20-7	2,2-Dichloropropane	2	U
156-59-2	cis-1,2-Dichloroethene	2	U
74-97-5	Bromochloromethane	2	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	2	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon tetrachloride	2	U
563-58-6	1,1-Dichloropropene	2	U
71-43-2	Benzene	2	U
107-06-2	1,2-Dichloroethane	2	U
79-01-6	Trichloroethene	2	U
108-05-4	Vinyl acetate	4	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 072007BLK11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 072007BLK11 Lab File ID: BLK11.D

Sample wt/vol: 5 Units: G Date Received: 07/20/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0952

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2	U
74-95-3	Dibromomethane	2	U
75-27-4	Bromodichloromethane	2	U
10061-01-5	cis-1,3-Dichloropropene	2	U
108-10-1	4-Methyl-2-pentanone	4	U
108-88-3	Toluene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
79-00-5	1,1,2-Trichloroethane	2	U
127-18-4	Tetrachloroethene	5	U
142-28-9	1,3-Dichloropropane	2	U
591-78-6	2-Hexanone	4	U
124-48-1	Dibromochloromethane	2	U
106-93-4	1,2-Dibromoethane(EDB)	2	U
108-90-7	Chlorobenzene	2	U
630-20-6	1,1,1,2-Tetrachloroethane	2	U
100-41-4	Ethylbenzene	2	U
511-39-00	p,m-Xylene	4	U
95-47-6	o-Xylene	2	U
100-42-5	Styrene	2	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene (Cumene)	2	U
108-86-1	Bromobenzene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U
96-18-4	1,2,3-Trichloropropane	2	U
103-65-1	n-Propylbenzene	2	U
95-49-8	2-Chlorotoluene	2	U
106-43-4	4-Chlorotoluene	2	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 072007BLK11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 072007BLK11 Lab File ID: BLK11.D

Sample wt/vol: 5 Units: G Date Received: 07/20/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0952

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2	U
98-06-6	tert-Butylbenzene	2	U
95-63-6	1,2,4-Trimethylbenzene	2	U
135-98-8	sec-Butylbenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
99-87-6	4-Isopropyltoluene	2	U
104-51-8	n-Butylbenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	2	U
87-68-3	Hexachlorobutadiene	3	U
91-20-3	Naphthalene	2	U
87-61-6	1,2,3-Trichlorobenzene	2	U
1634-04-4	MTBE	2	U

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

072007LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	20	29.5	148.0 *		30.0	45 - 128
Chloromethane	20	24.9	124.0		30.0	70 - 130
Vinyl chloride	20	22	110.0		30.0	70 - 130
Bromomethane	20	24.2	121.0		30.0	39 - 148
Chloroethane	20	17.9	89.5		30.0	55 - 139
Trichlorofluoromethane	20	20.9	104.0		30.0	70 - 130
1,1-Dichloroethene	20	19.2	96.0		30.0	70 - 130
Acrolein	60	58.1	96.8		30.0	69 - 130
Methyl iodide	20	19.3	96.5		30.0	55 - 133
Carbon disulfide	20	18.8	94.0		30.0	65 - 130
Methylene chloride	20	19.4	97.0		30.0	70 - 130
trans-1,2-Dichloroethene	20	19.8	99.0		30.0	70 - 130
Acrylonitrile	60	59.9	99.8		30.0	70 - 130
1,1-Dichloroethane	20	20.4	102.0		30.0	70 - 130
Acetone	60	57.7	96.2		30.0	58 - 133
2,2-Dichloropropane	20	21.2	106.0		30.0	70 - 130
cis-1,2-Dichloroethene	20	20	100.0		30.0	70 - 130
Bromochloromethane	20	21.2	106.0		30.0	70 - 130
2-Butanone	60	58	96.7		30.0	70 - 130
Chloroform	20	20.5	102.0		30.0	70 - 130
1,1,1-Trichloroethane	20	21	105.0		30.0	70 - 130
Carbon tetrachloride	20	21	105.0		30.0	70 - 130
1,1-Dichloropropene	20	19.7	98.5		30.0	70 - 130
Benzene	20	20.2	101.0		30.0	70 - 130
1,2-Dichloroethane	20	20.7	104.0		30.0	70 - 130
Trichloroethene	20	19.9	99.5		30.0	70 - 130
Vinyl acetate	20	20.5	102.0		30.0	70 - 130
1,2-Dichloropropane	20	19.5	97.5		30.0	70 - 130
Dibromomethane	20	19.4	97.0		30.0	70 - 130
Bromodichloromethane	20	19.4	97.0		30.0	70 - 130
cis-1,3-Dichloropropene	20	20	100.0		30.0	70 - 130
4-Methyl-2-pentanone	60	52.9	88.2		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

230707 1646

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 072007LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	20	19.4	97.0		30.0	70 - 130
trans-1,3-Dichloropropene	20	20.3	102.0		30.0	70 - 130
1,1,2-Trichloroethane	20	18.9	94.5		30.0	70 - 130
Tetrachloroethene	20	20.1	100.0		30.0	70 - 130
1,3-Dichloropropane	20	18.6	93.0		30.0	70 - 130
2-Hexanone	60	59.7	99.5		30.0	70 - 130
Dibromochloromethane	20	19.6	98.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	20	18.9	94.5		30.0	70 - 130
Chlorobenzene	20	18.7	93.5		30.0	70 - 130
1,1,1,2-Tetrachloroethane	20	19.2	96.0		30.0	70 - 130
Ethylbenzene	20	19.1	95.5		30.0	70 - 130
p,m-Xylene	40	39.8	99.5		30.0	70 - 130
o-Xylene	20	20.2	101.0		30.0	70 - 130
Styrene	20	19.9	99.5		30.0	70 - 130
Bromoform	20	21.2	106.0		30.0	70 - 130
Isopropylbenzene (Cumene)	20	18.1	90.5		30.0	70 - 130
Bromobenzene	20	20.1	100.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	20	17.9	89.5		30.0	70 - 130
1,2,3-Trichloropropane	20	17.9	89.5		30.0	70 - 130
n-Propylbenzene	20	18.6	93.0		30.0	70 - 130
2-Chlorotoluene	20	18.4	92.0		30.0	70 - 130
4-Chlorotoluene	20	18.5	92.5		30.0	70 - 130
1,3,5-Trimethylbenzene	20	19.2	96.0		30.0	70 - 130
tert-Butylbenzene	20	17.9	89.5		30.0	70 - 130
1,2,4-Trimethylbenzene	20	19.2	96.0		30.0	70 - 130
sec-Butylbenzene	20	18.6	93.0		30.0	70 - 130
1,3-Dichlorobenzene	20	19.8	99.0		30.0	70 - 130
1,4-Dichlorobenzene	20	19.3	96.5		30.0	70 - 130
4-Isopropyltoluene	20	19.5	97.5		30.0	70 - 130
n-Butylbenzene	20	19.8	99.0		30.0	70 - 130
1,2-Dichlorobenzene	20	19.7	98.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	20	21.4	107.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

230707 1646

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 072007LCS12

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	20	21.1	106.0		30.0	65 - 130
Hexachlorobutadiene	20	19.6	98.0		30.0	70 - 130
Naphthalene	20	20.8	104.0		30.0	70 - 130
1,2,3-Trichlorobenzene	20	20.2	101.0		30.0	70 - 130
MTBE	20	20.4	102.0		30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

230707 1646

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 072007LCS12D

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	20	18.5	92.5	45.8 *	30.0	45 - 128
Chloromethane	20	19.2	96.0	25.9	30.0	70 - 130
Vinyl chloride	20	14.9	74.5	38.5 *	30.0	70 - 130
Bromomethane	20	16.3	81.5	39.0 *	30.0	39 - 148
Chloroethane	20	12.3	61.5	37.1 *	30.0	55 - 139
Trichlorofluoromethane	20	13.2	66.0 *	45.2 *	30.0	70 - 130
1,1-Dichloroethene	20	14.8	74.0	25.9	30.0	70 - 130
Acrolein	60	49.4	82.3	16.2	30.0	69 - 130
Methyl iodide	20	14.7	73.5	27.1	30.0	55 - 133
Carbon disulfide	20	13.9	69.5	30.0	30.0	65 - 130
Methylene chloride	20	16.8	84.0	14.4	30.0	70 - 130
trans-1,2-Dichloroethene	20	15.4	77.0	25.0	30.0	70 - 130
Acrylonitrile	60	54	90.0	10.4	30.0	70 - 130
1,1-Dichloroethane	20	16.4	82.0	21.7	30.0	70 - 130
Acetone	60	47.3	78.8	19.8	30.0	58 - 133
2,2-Dichloropropane	20	15.2	76.0	33.0 *	30.0	70 - 130
cis-1,2-Dichloroethene	20	17.7	88.5	12.2	30.0	70 - 130
Bromochloromethane	20	18.6	93.0	13.1	30.0	70 - 130
2-Butanone	60	56	93.3	3.5	30.0	70 - 130
Chloroform	20	16.4	82.0	22.2	30.0	70 - 130
1,1,1-Trichloroethane	20	16	80.0	27.0	30.0	70 - 130
Carbon tetrachloride	20	14.1	70.5	39.3 *	30.0	70 - 130
1,1-Dichloropropene	20	14.4	72.0	31.1 *	30.0	70 - 130
Benzene	20	16.2	81.0	22.0	30.0	70 - 130
1,2-Dichloroethane	20	19.4	97.0	6.5	30.0	70 - 130
Trichloroethene	20	16.1	80.5	21.1	30.0	70 - 130
Vinyl acetate	20	17	85.0	18.7	30.0	70 - 130
1,2-Dichloropropane	20	16.1	80.5	19.1	30.0	70 - 130
Dibromomethane	20	17.8	89.0	8.6	30.0	70 - 130
Bromodichloromethane	20	17.6	88.0	9.7	30.0	70 - 130
cis-1,3-Dichloropropene	20	18.1	90.5	10.0	30.0	70 - 130
4-Methyl-2-pentanone	60	53.9	89.8	1.9	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

230707 1646

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 072007LCS12D

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	20	15.8	79.0	20.5	30.0	70 - 130
trans-1,3-Dichloropropene	20	18.2	91.0	10.9	30.0	70 - 130
1,1,2-Trichloroethane	20	18	90.0	4.9	30.0	70 - 130
Tetrachloroethene	20	15.2	76.0	27.8	30.0	70 - 130
1,3-Dichloropropane	20	17.6	88.0	5.5	30.0	70 - 130
2-Hexanone	60	55	91.7	8.2	30.0	70 - 130
Dibromochloromethane	20	17.9	89.5	9.1	30.0	70 - 130
1,2-Dibromoethane(EDB)	20	18.2	91.0	3.8	30.0	70 - 130
Chlorobenzene	20	16.4	82.0	13.1	30.0	70 - 130
1,1,1,2-Tetrachloroethane	20	16.5	82.5	15.1	30.0	70 - 130
Ethylbenzene	20	15.6	78.0	20.2	30.0	70 - 130
p,m-Xylene	40	30.9	77.2	25.2	30.0	70 - 130
o-Xylene	20	16.7	83.5	19.0	30.0	70 - 130
Styrene	20	17	85.0	15.7	30.0	70 - 130
Bromoform	20	18.8	94.0	12.0	30.0	70 - 130
Isopropylbenzene (Cumene)	20	14.7	73.5	20.7	30.0	70 - 130
Bromobenzene	20	18.4	92.0	8.8	30.0	70 - 130
1,1,2,2-Tetrachloroethane	20	17.5	87.5	2.3	30.0	70 - 130
1,2,3-Trichloropropane	20	17.7	88.5	1.1	30.0	70 - 130
n-Propylbenzene	20	14.8	74.0	22.8	30.0	70 - 130
2-Chlorotoluene	20	15.6	78.0	16.5	30.0	70 - 130
4-Chlorotoluene	20	16	80.0	14.5	30.0	70 - 130
1,3,5-Trimethylbenzene	20	15.8	79.0	19.4	30.0	70 - 130
tert-Butylbenzene	20	16	80.0	11.2	30.0	70 - 130
1,2,4-Trimethylbenzene	20	16.2	81.0	16.9	30.0	70 - 130
sec-Butylbenzene	20	14.8	74.0	22.8	30.0	70 - 130
1,3-Dichlorobenzene	20	17	85.0	15.2	30.0	70 - 130
1,4-Dichlorobenzene	20	17.1	85.5	12.1	30.0	70 - 130
4-Isopropyltoluene	20	15.7	78.5	21.6	30.0	70 - 130
n-Butylbenzene	20	15.8	79.0	22.5	30.0	70 - 130
1,2-Dichlorobenzene	20	17.1	85.5	14.1	30.0	70 - 130
1,2-Dibromo-3-chloropropane	20	19.7	98.5	8.3	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

230707 1646

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

072007LCS12D

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	20	18.7	93.5	12.1	30.0	65 - 130
Hexachlorobutadiene	20	15.2	76.0	25.3	30.0	70 - 130
Naphthalene	20	18.8	94.0	10.1	30.0	70 - 130
1,2,3-Trichlorobenzene	20	18.6	93.0	8.2	30.0	70 - 130
MTBE	20	19.2	96.0	6.1	30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

230707 1646

Form III

3

VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MS (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Dichlorodifluoromethane	28.8	0	28.3	98.3	38 - 122
Chloromethane	28.8	0	26.1	90.6	65 - 100
Vinyl chloride	28.8	0	20.8	72.2	58 - 97
Bromomethane	28.8	0	20	69.4	48 - 104
Chloroethane	28.8	0	17.3	60.1	46 - 103
Trichlorofluoromethane	28.8	0	16.6	57.6	39 - 121
1,1-Dichloroethene	28.8	0	21	72.9	66 - 121
Acrolein	86.5	0	75.1	86.8	31 - 129
Methyl iodide	28.8	0	20	69.4	54 - 128
Carbon disulfide	28.8	0	20.8	72.2	48 - 125
Methylene chloride	28.8	0	22.1	76.7	70 - 114
trans-1,2-Dichloroethene	28.8	0	21.4	74.3	69 - 117
Acrylonitrile	86.5	0	79.6	92.0	44 - 130
1,1-Dichloroethane	28.8	0	21.7	75.3	75 - 114
Acetone	86.5	10.9	68.3	66.4	40 - 118
2,2-Dichloropropane	28.8	0	20.4	70.8	55 - 122
cis-1,2-Dichloroethene	28.8	0	22.2	77.1	72 - 120
Bromochloromethane	28.8	0	23.3	80.9	71 - 124
2-Butanone	86.5	0	74.8	86.5	42 - 129
Chloroform	28.8	0	22.1	76.7	76 - 112
1,1,1-Trichloroethane	28.8	0	21.1	73.3	68 - 112
Carbon tetrachloride	28.8	0	20.3	70.5	63 - 113
1,1-Dichloropropene	28.8	0	20	69.4	60 - 116
Benzene	28.8	0	21.7	75.3	70 - 121
1,2-Dichloroethane	28.8	0	23.5	81.6	75 - 116
Trichloroethene	28.8	0	21.6	75.0	66 - 120
Vinyl acetate	28.8	0	25.4	88.2	43 - 134
1,2-Dichloropropane	28.8	0	19.9	69.1 *	75 - 116
Dibromomethane	28.8	0	23	79.9	71 - 121
Bromodichloromethane	28.8	0	21.9	76.0 *	77 - 109

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

230707 1646

3

VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MS (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
cis-1,3-Dichloropropene	28.8	0	22.3	77.4	71 - 114
4-Methyl-2-pentanone	86.5	0	66.6	77.0	55 - 117
Toluene	28.8	0	20.4	70.8	64 - 122
trans-1,3-Dichloropropene	28.8	0	23.3	80.9	68 - 117
1,1,2-Trichloroethane	28.8	0	22.8	79.2	76 - 119
Tetrachloroethene	28.8	0	20.5	71.2	50 - 127
1,3-Dichloropropane	28.8	0	22	76.4	72 - 113
2-Hexanone	86.5	0	75.9	87.7	55 - 122
Dibromochloromethane	28.8	0	22.7	78.8	68 - 108
1,2-Dibromoethane(EDB)	28.8	0	23.6	81.9	73 - 109
Chlorobenzene	28.8	0	21	72.9	59 - 117
1,1,1,2-Tetrachloroethane	28.8	0	21.8	75.7	70 - 106
Ethylbenzene	28.8	0	21.2	73.6	64 - 116
p,m-Xylene	57.7	0	40.4	70.0	62 - 118
o-Xylene	28.8	0	21.6	75.0	61 - 118
Styrene	28.8	0	21.6	75.0	60 - 119
Bromoform	28.8	0	24.5	85.1	52 - 119
Isopropylbenzene (Cumene)	28.8	0	18.8	65.3	42 - 131
Bromobenzene	28.8	0	22.1	76.7	63 - 111
1,1,2,2-Tetrachloroethane	28.8	0	21.8	75.7	68 - 113
1,2,3-Trichloropropane	28.8	0	22.2	77.1	65 - 118
n-Propylbenzene	28.8	0	18.9	65.6	35 - 132
2-Chlorotoluene	28.8	0	19.8	68.8	45 - 124
4-Chlorotoluene	28.8	0	20.1	69.8	46 - 122
1,3,5-Trimethylbenzene	28.8	0	19.5	67.7	41 - 128
tert-Butylbenzene	28.8	0	21.1	73.3	42 - 133
1,2,4-Trimethylbenzene	28.8	0	20.2	70.1	44 - 126
sec-Butylbenzene	28.8	0	18.9	65.6	29 - 135
1,3-Dichlorobenzene	28.8	0	21.1	73.3	42 - 122
1,4-Dichlorobenzene	28.8	0	21.2	73.6	44 - 123

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

230707 1646

3

VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac | NPP-SB02 MS (3-4)

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
4-Isopropyltoluene	28.8	0	20.4	70.8	29 - 135
n-Butylbenzene	28.8	0	20.1	69.8	19 - 139
1,2-Dichlorobenzene	28.8	0	21.6	75.0	47 - 125
1,2-Dibromo-3-chloropropane	28.8	0	24.7	85.8	55 - 118
1,2,4-Trichlorobenzene	28.8	0	23	79.9	18 - 134
Hexachlorobutadiene	28.8	0	21.3	74.0	10 - 130
Naphthalene	28.8	0	24	83.3	16 - 145
1,2,3-Trichlorobenzene	28.8	0	24.2	84.0	16 - 134
MTBE	28.8	0	24.1	83.7	53 - 141

Spike Recovery: 2 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

230707 1646

VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MSD (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	31.1	30.4	97.7	7.2	30	38 - 122
Chloromethane	31.1	25.7	82.6	1.5	23	65 - 100
Vinyl chloride	31.1	22	70.7	5.6	30	58 - 97
Bromomethane	31.1	23.1	74.3	14.4	29	48 - 104
Chloroethane	31.1	18.7	60.1	7.8	30	46 - 103
Trichlorofluoromethane	31.1	18.8	60.5	12.4	24	39 - 121
1,1-Dichloroethene	31.1	20.5	65.9 *	2.4	30	66 - 121
Acrolein	93.3	76.7	82.2	2.1	30	31 - 129
Methyl iodide	31.1	23	74.0	14.0	25	54 - 128
Carbon disulfide	31.1	21.3	68.5	2.4	25	48 - 125
Methylene chloride	31.1	23.3	74.9	5.3	30	70 - 114
trans-1,2-Dichloroethene	31.1	22.7	73.0	5.9	25	69 - 117
Acrylonitrile	93.3	82.9	88.9	4.1	30	44 - 130
1,1-Dichloroethane	31.1	23.8	76.5	9.2	30	75 - 114
Acetone	93.3	70.1	63.5	2.6	30	40 - 118
2,2-Dichloropropane	31.1	24.3	78.1	17.4	30	55 - 122
cis-1,2-Dichloroethene	31.1	24.1	77.5	8.2	24	72 - 120
Bromochloromethane	31.1	25.3	81.4	8.2	30	71 - 124
2-Butanone	93.3	80.8	86.6	7.7	30	42 - 129
Chloroform	31.1	23.8	76.5	7.4	30	76 - 112
1,1,1-Trichloroethane	31.1	23.6	75.9	11.2	30	68 - 112
Carbon tetrachloride	31.1	21.1	67.8	3.9	30	63 - 113
1,1-Dichloropropene	31.1	22	70.7	9.5	15	60 - 116
Benzene	31.1	23.4	75.2	7.5	30	70 - 121
1,2-Dichloroethane	31.1	25.7	82.6	8.9	26	75 - 116
Trichloroethene	31.1	24.3	78.1	11.8	27	66 - 120
Vinyl acetate	31.1	22.6	72.7	11.7	30	43 - 134
1,2-Dichloropropane	31.1	22.7	73.0 *	13.1	30	75 - 116
Dibromomethane	31.1	25.3	81.4	9.5	30	71 - 121
Bromodichloromethane	31.1	24.1	77.5	9.6	30	77 - 109

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

230707 1646

3

VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum NPP-SB02 MSD (3-4)

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	31.1	23.8	76.5	6.5	22	71 - 114
4-Methyl-2-pentanone	93.3	72.1	77.3	7.9	30	55 - 117
Toluene	31.1	22.4	72.0	9.3	27	64 - 122
trans-1,3-Dichloropropene	31.1	24.8	79.7	6.2	29	68 - 117
1,1,2-Trichloroethane	31.1	24.2	77.8	6.0	18	76 - 119
Tetrachloroethene	31.1	21.2	68.2	3.4	30	50 - 127
1,3-Dichloropropane	31.1	24.7	79.4	11.6	30	72 - 113
2-Hexanone	93.3	80.5	86.3	5.9	30	55 - 122
Dibromochloromethane	31.1	24.2	77.8	6.4	30	68 - 108
1,2-Dibromoethane(EDB)	31.1	24.8	79.7	5.0	25	73 - 109
Chlorobenzene	31.1	22.1	71.1	5.1	30	59 - 117
1,1,1,2-Tetrachloroethane	31.1	22.5	72.3	3.2	30	70 - 106
Ethylbenzene	31.1	21.7	69.8	2.3	30	64 - 116
p,m-Xylene	62.2	44.5	71.5	9.7	12	62 - 118
o-Xylene	31.1	23.1	74.3	6.7	30	61 - 118
Styrene	31.1	23.2	74.6	7.1	30	60 - 119
Bromoform	31.1	26.2	84.2	6.7	30	52 - 119
Isopropylbenzene (Cumene)	31.1	19.8	63.7	5.2	30	42 - 131
Bromobenzene	31.1	24.4	78.5	9.9	30	63 - 111
1,1,2,2-Tetrachloroethane	31.1	23.5	75.6	7.5	30	68 - 113
1,2,3-Trichloropropane	31.1	23.8	76.5	7.0	28	65 - 118
n-Propylbenzene	31.1	20.1	64.6	6.2	30	35 - 132
2-Chlorotoluene	31.1	21	67.5	5.9	30	45 - 124
4-Chlorotoluene	31.1	21.6	69.5	7.2	30	46 - 122
1,3,5-Trimethylbenzene	31.1	21	67.5	7.4	30	41 - 128
tert-Butylbenzene	31.1	20	64.3	5.4	30	42 - 133
1,2,4-Trimethylbenzene	31.1	21.9	70.4	8.1	30	44 - 126
sec-Butylbenzene	31.1	20.4	65.6	7.6	23	29 - 135
1,3-Dichlorobenzene	31.1	22.8	73.3	7.7	30	42 - 122
1,4-Dichlorobenzene	31.1	22.7	73.0	6.8	27	44 - 123

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

_____

Form III

230707 1646

3

VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MSD (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4-Isopropyltoluene	31.1	20.7	66.6	1.5	30	29 - 135
n-Butylbenzene	31.1	21.2	68.2	5.3	30	19 - 139
1,2-Dichlorobenzene	31.1	23.8	76.5	9.7	30	47 - 125
1,2-Dibromo-3-chloropropane	31.1	25.6	82.3	3.6	26	55 - 118
1,2,4-Trichlorobenzene	31.1	24.4	78.5	5.9	30	18 - 134
Hexachlorobutadiene	31.1	20.3	65.3	4.8	30	10 - 130
Naphthalene	31.1	26	83.6	8.0	25	16 - 145
1,2,3-Trichlorobenzene	31.1	24.2	77.8	0.0	30	16 - 134
MTBE	31.1	28	90.0	15.0	30	53 - 141

RPD: 0 out of 69 outside limits

Spike Recovery: 2 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

230707 1646

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

230707 1646

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507185

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 4-Nitrophenol.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507185

Client: T N & Associates, Inc.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3208LCS was analyzed with the soil samples extracted on 07/19/07. The multiple analyte(s) were recovered below criteria
Samples coded accordingly. The client was notified. Per client request, since the MS/MSD passed most criteria and sample surrogates all met criteria, no further action was taken.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

A client requested MS/SD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met with the exception of:
MS - NPP-SB02 MS (3-4) was analyzed with the soil samples extracted on 07/19/07. The following analyte(s) were recovered below criteria: Bis(2-Chloroethyl)ether at 81 % with criteria of (86-133).

SD - NPP-SB02 MSD (3-4) was analyzed with the soil samples extracted on 07/19/07. The following analyte(s) were recovered below criteria: Aniline at 30 % with criteria of (45-119), Bis(2-Chloroethyl)ether at 80.5 % with criteria of (86-133). The following analyte(s) exceeded RPD criteria: 4-Chloroaniline at 34.3 % with criteria of (30), Aniline at 45.1 % with criteria of (18), Benzoic acid at 13 % with criteria of (11).

Samples coded accordingly.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507185

Client: T N & Associates, Inc.

SIGNED: **DATE:** **07/23/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Method: 8270

EPA Sample No	Lab Sample ID
NPP-SB01	250718501
NPP-SB01 (8-9)	250718502
NPP-SB02 (3-4)	250718503
NPP-SB02 (8-9)	250718504
NPP-SB03 (1.5-2.5)	250718507
NPP-SB03 (7-8)	250718508
NPP-SB04 (6-7)	250718509
NPP-SB05 (5-6)	250718510
NPP-SB06 (3.5-4.5)	250718511
NPP-SB06 (9-10)	250718512
NPP-SB07 (3-4)	250718513

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Sample Data

230707 1646

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718501 Lab File ID: 185-01.D

Sample wt/vol: 20.52 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1913

PercentSolids: 85.3 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	229	U
62-53-3	Aniline	229	U
111-44-4	Bis(2-Chloroethyl)ether	229	U
108-95-2	Phenol	1140	U
95-57-8	2-Chlorophenol	229	U
541-73-1	1,3-Dichlorobenzene	229	U
106-46-7	1,4-Dichlorobenzene	229	U
95-50-1	1,2-Dichlorobenzene	229	U
100-51-6	Benzyl alcohol	572	U
108-60-1	2,2-Oxybis(1-chloropropane)	231	U
95-48-7	2-Methylphenol (o-Cresol)	229	U
67-72-1	Hexachloroethane	231	U
621-64-7	N-Nitroso-di-n-propylamine	229	U
106-44-5	4-Methylphenol	229	U
98-95-3	Nitrobenzene	229	U
78-59-1	Isophorone	229	U
88-75-5	2-Nitrophenol	229	U
105-67-9	2,4-Dimethylphenol	229	U
65-85-0	Benzoic acid	1140	U
111-91-1	Bis(2-Chloroethoxy)methane	229	U
120-83-2	2,4-Dichlorophenol	229	U
120-82-1	1,2,4-Trichlorobenzene	229	U
91-20-3	Naphthalene	229	U
106-47-8	4-Chloroaniline	229	U
91-57-6	2-Methylnaphthalene	229	U
87-68-3	Hexachlorobutadiene	229	U
59-50-7	4-Chloro-3-methylphenol	229	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718501 Lab File ID: 185-01.D

Sample wt/vol: 20.52 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1913

PercentSolids: 85.3 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	229	U
77-47-4	Hexachlorocyclopentadiene	572	U
88-06-2	2,4,6-Trichlorophenol	229	U
95-95-4	2,4,5-Trichlorophenol	229	U
91-58-7	2-Chloronaphthalene	231	U
88-74-4	2-Nitroaniline	229	U
208-96-8	Acenaphthylene	229	U
131-11-3	Dimethyl-phthalate	229	U
606-20-2	2,6-Dinitrotoluene	229	U
83-32-9	Acenaphthene	229	U
99-09-2	3-Nitroaniline	229	U
51-28-5	2,4-Dinitrophenol	1150	U
132-64-9	Dibenzofuran	229	U
121-14-2	2,4-Dinitrotoluene	229	U
100-02-7	4-Nitrophenol	572	U
86-73-7	Fluorene	229	U
7005-72-3	4-Chlorophenyl-phenylether	229	U
84-66-2	Diethylphthalate	229	U
100-01-6	4-Nitroaniline	229	U
534-52-1	2-Methyl-4,6-dinitrophenol	1140	U
86-30-6	N-Nitrosodiphenylamine	229	U
101-55-3	4-Bromophenyl-phenylether	229	U
118-74-1	Hexachlorobenzene	229	U
87-86-5	Pentachlorophenol	1140	U
85-01-8	Phenanthrene	229	U
120-12-7	Anthracene	229	U
84-74-2	Di-n-butylphthalate	229	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718501 Lab File ID: 185-01.D

Sample wt/vol: 20.52 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1913

PercentSolids: 85.3 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	229	U
129-00-0	Pyrene	229	U
92-87-5	Benzidine	574	U
85-68-7	Butylbenzylphthalate	229	U
91-94-1	3,3'-Dichlorobenzidine	229	U
56-55-3	Benzo(a)anthracene	229	U
218-01-9	Chrysene	229	U
117-81-7	bis(2-ethylhexyl)phthalate	229	U
117-84-0	Di-n-octylphthalate	229	U
205-99-2	Benzo(b)fluoranthene	229	U
207-08-9	Benzo(k)fluoranthene	229	U
50-32-8	Benzo(a)pyrene	229	U
193-39-5	Indeno(1,2,3-cd)pyrene	229	U
53-70-3	Dibenz(a,h)anthracene	229	U
191-24-2	Benzo(g,h,i)perylene	229	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718502 Lab File ID: 185-02.D

Sample wt/vol: 20.95 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1942

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	241	U
62-53-3	Aniline	241	U
111-44-4	Bis(2-Chloroethyl)ether	241	U
108-95-2	Phenol	1200	U
95-57-8	2-Chlorophenol	241	U
541-73-1	1,3-Dichlorobenzene	241	U
106-46-7	1,4-Dichlorobenzene	241	U
95-50-1	1,2-Dichlorobenzene	241	U
100-51-6	Benzyl alcohol	603	U
108-60-1	2,2-Oxybis(1-chloropropane)	244	U
95-48-7	2-Methylphenol (o-Cresol)	241	U
67-72-1	Hexachloroethane	244	U
621-64-7	N-Nitroso-di-n-propylamine	241	U
106-44-5	4-Methylphenol	241	U
98-95-3	Nitrobenzene	241	U
78-59-1	Isophorone	241	U
88-75-5	2-Nitrophenol	241	U
105-67-9	2,4-Dimethylphenol	241	U
65-85-0	Benzoic acid	1200	U
111-91-1	Bis(2-Chloroethoxy)methane	241	U
120-83-2	2,4-Dichlorophenol	241	U
120-82-1	1,2,4-Trichlorobenzene	241	U
91-20-3	Naphthalene	241	U
106-47-8	4-Chloroaniline	241	U
91-57-6	2-Methylnaphthalene	241	U
87-68-3	Hexachlorobutadiene	241	U
59-50-7	4-Chloro-3-methylphenol	241	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718502 Lab File ID: 185-02.D

Sample wt/vol: 20.95 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1942

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	241	U
77-47-4	Hexachlorocyclopentadiene	603	U
88-06-2	2,4,6-Trichlorophenol	241	U
95-95-4	2,4,5-Trichlorophenol	241	U
91-58-7	2-Chloronaphthalene	244	U
88-74-4	2-Nitroaniline	241	U
208-96-8	Acenaphthylene	241	U
131-11-3	Dimethyl-phthalate	241	U
606-20-2	2,6-Dinitrotoluene	241	U
83-32-9	Acenaphthene	241	U
99-09-2	3-Nitroaniline	241	U
51-28-5	2,4-Dinitrophenol	1210	U
132-64-9	Dibenzofuran	241	U
121-14-2	2,4-Dinitrotoluene	241	U
100-02-7	4-Nitrophenol	603	U
86-73-7	Fluorene	241	U
7005-72-3	4-Chlorophenyl-phenylether	241	U
84-66-2	Diethylphthalate	241	U
100-01-6	4-Nitroaniline	241	U
534-52-1	2-Methyl-4,6-dinitrophenol	1200	U
86-30-6	N-Nitrosodiphenylamine	241	U
101-55-3	4-Bromophenyl-phenylether	241	U
118-74-1	Hexachlorobenzene	241	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	241	U
120-12-7	Anthracene	241	U
84-74-2	Di-n-butylphthalate	241	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718502 Lab File ID: 185-02.D

Sample wt/vol: 20.95 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1942

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	241	U
129-00-0	Pyrene	241	U
92-87-5	Benzidine	606	U
85-68-7	Butylbenzylphthalate	241	U
91-94-1	3,3'-Dichlorobenzidine	241	U
56-55-3	Benzo(a)anthracene	241	U
218-01-9	Chrysene	241	U
117-81-7	bis(2-ethylhexyl)phthalate	42.6	J
117-84-0	Di-n-octylphthalate	241	U
205-99-2	Benzo(b)fluoranthene	241	U
207-08-9	Benzo(k)fluoranthene	241	U
50-32-8	Benzo(a)pyrene	241	U
193-39-5	Indeno(1,2,3-cd)pyrene	241	U
53-70-3	Dibenz(a,h)anthracene	241	U
191-24-2	Benzo(g,h,i)perylene	241	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB02 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718503 Lab File ID: 185-03.D

Sample wt/vol: 20.36 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2012

PercentSolids: 81.4 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	242	U
62-53-3	Aniline	242	U
111-44-4	Bis(2-Chloroethyl)ether	242	U
108-95-2	Phenol	1210	U
95-57-8	2-Chlorophenol	242	U
541-73-1	1,3-Dichlorobenzene	242	U
106-46-7	1,4-Dichlorobenzene	242	U
95-50-1	1,2-Dichlorobenzene	242	U
100-51-6	Benzyl alcohol	604	U
108-60-1	2,2-Oxybis(1-chloropropane)	244	U
95-48-7	2-Methylphenol (o-Cresol)	242	U
67-72-1	Hexachloroethane	244	U
621-64-7	N-Nitroso-di-n-propylamine	242	U
106-44-5	4-Methylphenol	242	U
98-95-3	Nitrobenzene	242	U
78-59-1	Isophorone	242	U
88-75-5	2-Nitrophenol	242	U
105-67-9	2,4-Dimethylphenol	242	U
65-85-0	Benzoic acid	1210	U
111-91-1	Bis(2-Chloroethoxy)methane	242	U
120-83-2	2,4-Dichlorophenol	242	U
120-82-1	1,2,4-Trichlorobenzene	242	U
91-20-3	Naphthalene	242	U
106-47-8	4-Chloroaniline	242	U
91-57-6	2-Methylnaphthalene	242	U
87-68-3	Hexachlorobutadiene	242	U
59-50-7	4-Chloro-3-methylphenol	242	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718503 Lab File ID: 185-03.D

Sample wt/vol: 20.36 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2012

PercentSolids: 81.4 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	242	U
77-47-4	Hexachlorocyclopentadiene	604	U
88-06-2	2,4,6-Trichlorophenol	242	U
95-95-4	2,4,5-Trichlorophenol	242	U
91-58-7	2-Chloronaphthalene	244	U
88-74-4	2-Nitroaniline	242	U
208-96-8	Acenaphthylene	242	U
131-11-3	Dimethyl-phthalate	242	U
606-20-2	2,6-Dinitrotoluene	242	U
83-32-9	Acenaphthene	242	U
99-09-2	3-Nitroaniline	242	U
51-28-5	2,4-Dinitrophenol	1210	U
132-64-9	Dibenzofuran	242	U
121-14-2	2,4-Dinitrotoluene	242	U
100-02-7	4-Nitrophenol	604	U
86-73-7	Fluorene	242	U
7005-72-3	4-Chlorophenyl-phenylether	242	U
84-66-2	Diethylphthalate	242	U
100-01-6	4-Nitroaniline	242	U
534-52-1	2-Methyl-4,6-dinitrophenol	1210	U
86-30-6	N-Nitrosodiphenylamine	242	U
101-55-3	4-Bromophenyl-phenylether	242	U
118-74-1	Hexachlorobenzene	242	U
87-86-5	Pentachlorophenol	1210	U
85-01-8	Phenanthrene	242	U
120-12-7	Anthracene	242	U
84-74-2	Di-n-butylphthalate	242	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB02 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718503 Lab File ID: 185-03.D

Sample wt/vol: 20.36 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2012

PercentSolids: 81.4 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	242	U
129-00-0	Pyrene	242	U
92-87-5	Benzidine	606	U
85-68-7	Butylbenzylphthalate	242	U
91-94-1	3,3'-Dichlorobenzidine	242	U
56-55-3	Benzo(a)anthracene	242	U
218-01-9	Chrysene	242	U
117-81-7	bis(2-ethylhexyl)phthalate	242	U
117-84-0	Di-n-octylphthalate	242	U
205-99-2	Benzo(b)fluoranthene	242	U
207-08-9	Benzo(k)fluoranthene	242	U
50-32-8	Benzo(a)pyrene	242	U
193-39-5	Indeno(1,2,3-cd)pyrene	242	U
53-70-3	Dibenz(a,h)anthracene	242	U
191-24-2	Benzo(g,h,i)perylene	242	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB02 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718504 Lab File ID: 185-04.D

Sample wt/vol: 20.24 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2041

PercentSolids: 87.6 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	226	U
62-53-3	Aniline	226	U
111-44-4	Bis(2-Chloroethyl)ether	226	U
108-95-2	Phenol	1130	U
95-57-8	2-Chlorophenol	226	U
541-73-1	1,3-Dichlorobenzene	226	U
106-46-7	1,4-Dichlorobenzene	226	U
95-50-1	1,2-Dichlorobenzene	226	U
100-51-6	Benzyl alcohol	564	U
108-60-1	2,2-Oxybis(1-chloropropane)	228	U
95-48-7	2-Methylphenol (o-Cresol)	226	U
67-72-1	Hexachloroethane	228	U
621-64-7	N-Nitroso-di-n-propylamine	226	U
106-44-5	4-Methylphenol	226	U
98-95-3	Nitrobenzene	226	U
78-59-1	Isophorone	226	U
88-75-5	2-Nitrophenol	226	U
105-67-9	2,4-Dimethylphenol	226	U
65-85-0	Benzoic acid	1130	U
111-91-1	Bis(2-Chloroethoxy)methane	226	U
120-83-2	2,4-Dichlorophenol	226	U
120-82-1	1,2,4-Trichlorobenzene	226	U
91-20-3	Naphthalene	226	U
106-47-8	4-Chloroaniline	226	U
91-57-6	2-Methylnaphthalene	226	U
87-68-3	Hexachlorobutadiene	226	U
59-50-7	4-Chloro-3-methylphenol	226	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB02 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718504 Lab File ID: 185-04.D

Sample wt/vol: 20.24 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2041

PercentSolids: 87.6 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	226	U
77-47-4	Hexachlorocyclopentadiene	564	U
88-06-2	2,4,6-Trichlorophenol	226	U
95-95-4	2,4,5-Trichlorophenol	226	U
91-58-7	2-Chloronaphthalene	228	U
88-74-4	2-Nitroaniline	226	U
208-96-8	Acenaphthylene	226	U
131-11-3	Dimethyl-phthalate	226	U
606-20-2	2,6-Dinitrotoluene	226	U
83-32-9	Acenaphthene	226	U
99-09-2	3-Nitroaniline	226	U
51-28-5	2,4-Dinitrophenol	1130	U
132-64-9	Dibenzofuran	226	U
121-14-2	2,4-Dinitrotoluene	226	U
100-02-7	4-Nitrophenol	564	U
86-73-7	Fluorene	226	U
7005-72-3	4-Chlorophenyl-phenylether	226	U
84-66-2	Diethylphthalate	226	U
100-01-6	4-Nitroaniline	226	U
534-52-1	2-Methyl-4,6-dinitrophenol	1130	U
86-30-6	N-Nitrosodiphenylamine	226	U
101-55-3	4-Bromophenyl-phenylether	226	U
118-74-1	Hexachlorobenzene	226	U
87-86-5	Pentachlorophenol	1130	U
85-01-8	Phenanthrene	226	U
120-12-7	Anthracene	226	U
84-74-2	Di-n-butylphthalate	226	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718504 Lab File ID: 185-04.D

Sample wt/vol: 20.24 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2041

PercentSolids: 87.6 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	226	U
129-00-0	Pyrene	226	U
92-87-5	Benzidine	567	U
85-68-7	Butylbenzylphthalate	226	U
91-94-1	3,3'-Dichlorobenzidine	226	U
56-55-3	Benzo(a)anthracene	226	U
218-01-9	Chrysene	226	U
117-81-7	bis(2-ethylhexyl)phthalate	226	U
117-84-0	Di-n-octylphthalate	226	U
205-99-2	Benzo(b)fluoranthene	226	U
207-08-9	Benzo(k)fluoranthene	226	U
50-32-8	Benzo(a)pyrene	226	U
193-39-5	Indeno(1,2,3-cd)pyrene	226	U
53-70-3	Dibenz(a,h)anthracene	226	U
191-24-2	Benzo(g,h,i)perylene	226	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (1.5-2.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718507 Lab File ID: 185-07.D

Sample wt/vol: 20.32 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2209

PercentSolids: 93.4 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	211	U
62-53-3	Aniline	211	U
111-44-4	Bis(2-Chloroethyl)ether	211	U
108-95-2	Phenol	1050	U
95-57-8	2-Chlorophenol	211	U
541-73-1	1,3-Dichlorobenzene	211	U
106-46-7	1,4-Dichlorobenzene	211	U
95-50-1	1,2-Dichlorobenzene	211	U
100-51-6	Benzyl alcohol	527	U
108-60-1	2,2-Oxybis(1-chloropropane)	213	U
95-48-7	2-Methylphenol (o-Cresol)	211	U
67-72-1	Hexachloroethane	213	U
621-64-7	N-Nitroso-di-n-propylamine	211	U
106-44-5	4-Methylphenol	211	U
98-95-3	Nitrobenzene	211	U
78-59-1	Isophorone	211	U
88-75-5	2-Nitrophenol	211	U
105-67-9	2,4-Dimethylphenol	211	U
65-85-0	Benzoic acid	1050	U
111-91-1	Bis(2-Chloroethoxy)methane	211	U
120-83-2	2,4-Dichlorophenol	211	U
120-82-1	1,2,4-Trichlorobenzene	211	U
91-20-3	Naphthalene	211	U
106-47-8	4-Chloroaniline	211	U
91-57-6	2-Methylnaphthalene	211	U
87-68-3	Hexachlorobutadiene	211	U
59-50-7	4-Chloro-3-methylphenol	211	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (1.5-2.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718507 Lab File ID: 185-07.D

Sample wt/vol: 20.32 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2209

PercentSolids: 93.4 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	211	U
77-47-4	Hexachlorocyclopentadiene	527	U
88-06-2	2,4,6-Trichlorophenol	211	U
95-95-4	2,4,5-Trichlorophenol	211	U
91-58-7	2-Chloronaphthalene	213	U
88-74-4	2-Nitroaniline	211	U
208-96-8	Acenaphthylene	211	U
131-11-3	Dimethyl-phthalate	211	U
606-20-2	2,6-Dinitrotoluene	211	U
83-32-9	Acenaphthene	211	U
99-09-2	3-Nitroaniline	211	U
51-28-5	2,4-Dinitrophenol	1060	U
132-64-9	Dibenzofuran	211	U
121-14-2	2,4-Dinitrotoluene	211	U
100-02-7	4-Nitrophenol	527	U
86-73-7	Fluorene	211	U
7005-72-3	4-Chlorophenyl-phenylether	211	U
84-66-2	Diethylphthalate	211	U
100-01-6	4-Nitroaniline	211	U
534-52-1	2-Methyl-4,6-dinitrophenol	1050	U
86-30-6	N-Nitrosodiphenylamine	211	U
101-55-3	4-Bromophenyl-phenylether	211	U
118-74-1	Hexachlorobenzene	211	U
87-86-5	Pentachlorophenol	1050	U
85-01-8	Phenanthrene	211	U
120-12-7	Anthracene	211	U
84-74-2	Di-n-butylphthalate	211	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (1.5-2.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718507 Lab File ID: 185-07.D

Sample wt/vol: 20.32 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2209

PercentSolids: 93.4 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	211	U
129-00-0	Pyrene	211	U
92-87-5	Benzidine	530	U
85-68-7	Butylbenzylphthalate	211	U
91-94-1	3,3'-Dichlorobenzidine	211	U
56-55-3	Benzo(a)anthracene	211	U
218-01-9	Chrysene	211	U
117-81-7	bis(2-ethylhexyl)phthalate	211	U
117-84-0	Di-n-octylphthalate	211	U
205-99-2	Benzo(b)fluoranthene	211	U
207-08-9	Benzo(k)fluoranthene	211	U
50-32-8	Benzo(a)pyrene	211	U
193-39-5	Indeno(1,2,3-cd)pyrene	211	U
53-70-3	Dibenz(a,h)anthracene	211	U
191-24-2	Benzo(g,h,i)perylene	211	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB03 (7-8)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718508 Lab File ID: 185-08.D

Sample wt/vol: 20.69 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2238

PercentSolids: 83.5 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	232	U
62-53-3	Aniline	232	U
111-44-4	Bis(2-Chloroethyl)ether	232	U
108-95-2	Phenol	1160	U
95-57-8	2-Chlorophenol	232	U
541-73-1	1,3-Dichlorobenzene	232	U
106-46-7	1,4-Dichlorobenzene	232	U
95-50-1	1,2-Dichlorobenzene	232	U
100-51-6	Benzyl alcohol	579	U
108-60-1	2,2-Oxybis(1-chloropropane)	234	U
95-48-7	2-Methylphenol (o-Cresol)	232	U
67-72-1	Hexachloroethane	234	U
621-64-7	N-Nitroso-di-n-propylamine	232	U
106-44-5	4-Methylphenol	232	U
98-95-3	Nitrobenzene	232	U
78-59-1	Isophorone	232	U
88-75-5	2-Nitrophenol	232	U
105-67-9	2,4-Dimethylphenol	232	U
65-85-0	Benzoic acid	1160	U
111-91-1	Bis(2-Chloroethoxy)methane	232	U
120-83-2	2,4-Dichlorophenol	232	U
120-82-1	1,2,4-Trichlorobenzene	232	U
91-20-3	Naphthalene	232	U
106-47-8	4-Chloroaniline	232	U
91-57-6	2-Methylnaphthalene	232	U
87-68-3	Hexachlorobutadiene	232	U
59-50-7	4-Chloro-3-methylphenol	232	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (7-8)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718508 Lab File ID: 185-08.D

Sample wt/vol: 20.69 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2238

PercentSolids: 83.5 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	232	U
77-47-4	Hexachlorocyclopentadiene	579	U
88-06-2	2,4,6-Trichlorophenol	232	U
95-95-4	2,4,5-Trichlorophenol	232	U
91-58-7	2-Chloronaphthalene	234	U
88-74-4	2-Nitroaniline	232	U
208-96-8	Acenaphthylene	232	U
131-11-3	Dimethyl-phthalate	232	U
606-20-2	2,6-Dinitrotoluene	232	U
83-32-9	Acenaphthene	232	U
99-09-2	3-Nitroaniline	232	U
51-28-5	2,4-Dinitrophenol	1160	U
132-64-9	Dibenzofuran	232	U
121-14-2	2,4-Dinitrotoluene	232	U
100-02-7	4-Nitrophenol	579	U
86-73-7	Fluorene	232	U
7005-72-3	4-Chlorophenyl-phenylether	232	U
84-66-2	Diethylphthalate	232	U
100-01-6	4-Nitroaniline	232	U
534-52-1	2-Methyl-4,6-dinitrophenol	1160	U
86-30-6	N-Nitrosodiphenylamine	232	U
101-55-3	4-Bromophenyl-phenylether	232	U
118-74-1	Hexachlorobenzene	232	U
87-86-5	Pentachlorophenol	1160	U
85-01-8	Phenanthrene	232	U
120-12-7	Anthracene	232	U
84-74-2	Di-n-butylphthalate	232	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB03 (7-8)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718508 Lab File ID: 185-08.D

Sample wt/vol: 20.69 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2238

PercentSolids: 83.5 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	232	U
129-00-0	Pyrene	232	U
92-87-5	Benzidine	582	U
85-68-7	Butylbenzylphthalate	232	U
91-94-1	3,3'-Dichlorobenzidine	232	U
56-55-3	Benzo(a)anthracene	232	U
218-01-9	Chrysene	232	U
117-81-7	bis(2-ethylhexyl)phthalate	232	U
117-84-0	Di-n-octylphthalate	232	U
205-99-2	Benzo(b)fluoranthene	232	U
207-08-9	Benzo(k)fluoranthene	232	U
50-32-8	Benzo(a)pyrene	232	U
193-39-5	Indeno(1,2,3-cd)pyrene	232	U
53-70-3	Dibenz(a,h)anthracene	232	U
191-24-2	Benzo(g,h,i)perylene	232	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB04 (6-7)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718509 Lab File ID: 185-09.D

Sample wt/vol: 20.41 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2308

PercentSolids: 80.5 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	244	U
62-53-3	Aniline	244	U
111-44-4	Bis(2-Chloroethyl)ether	244	U
108-95-2	Phenol	1220	U
95-57-8	2-Chlorophenol	244	U
541-73-1	1,3-Dichlorobenzene	244	U
106-46-7	1,4-Dichlorobenzene	244	U
95-50-1	1,2-Dichlorobenzene	244	U
100-51-6	Benzyl alcohol	609	U
108-60-1	2,2-Oxybis(1-chloropropane)	246	U
95-48-7	2-Methylphenol (o-Cresol)	244	U
67-72-1	Hexachloroethane	246	U
621-64-7	N-Nitroso-di-n-propylamine	244	U
106-44-5	4-Methylphenol	244	U
98-95-3	Nitrobenzene	244	U
78-59-1	Isophorone	244	U
88-75-5	2-Nitrophenol	244	U
105-67-9	2,4-Dimethylphenol	244	U
65-85-0	Benzoic acid	1220	U
111-91-1	Bis(2-Chloroethoxy)methane	244	U
120-83-2	2,4-Dichlorophenol	244	U
120-82-1	1,2,4-Trichlorobenzene	244	U
91-20-3	Naphthalene	244	U
106-47-8	4-Chloroaniline	244	U
91-57-6	2-Methylnaphthalene	244	U
87-68-3	Hexachlorobutadiene	244	U
59-50-7	4-Chloro-3-methylphenol	244	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB04 (6-7)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718509 Lab File ID: 185-09.D

Sample wt/vol: 20.41 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2308

PercentSolids: 80.5 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	244	U
77-47-4	Hexachlorocyclopentadiene	609	U
88-06-2	2,4,6-Trichlorophenol	244	U
95-95-4	2,4,5-Trichlorophenol	244	U
91-58-7	2-Chloronaphthalene	246	U
88-74-4	2-Nitroaniline	244	U
208-96-8	Acenaphthylene	244	U
131-11-3	Dimethyl-phthalate	244	U
606-20-2	2,6-Dinitrotoluene	244	U
83-32-9	Acenaphthene	244	U
99-09-2	3-Nitroaniline	244	U
51-28-5	2,4-Dinitrophenol	1220	U
132-64-9	Dibenzofuran	244	U
121-14-2	2,4-Dinitrotoluene	244	U
100-02-7	4-Nitrophenol	609	U
86-73-7	Fluorene	244	U
7005-72-3	4-Chlorophenyl-phenylether	244	U
84-66-2	Diethylphthalate	244	U
100-01-6	4-Nitroaniline	244	U
534-52-1	2-Methyl-4,6-dinitrophenol	1220	U
86-30-6	N-Nitrosodiphenylamine	244	U
101-55-3	4-Bromophenyl-phenylether	244	U
118-74-1	Hexachlorobenzene	244	U
87-86-5	Pentachlorophenol	1220	U
85-01-8	Phenanthrene	244	U
120-12-7	Anthracene	244	U
84-74-2	Di-n-butylphthalate	244	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB04 (6-7)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718509 Lab File ID: 185-09.D

Sample wt/vol: 20.41 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2308

PercentSolids: 80.5 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	244	U
129-00-0	Pyrene	244	U
92-87-5	Benzidine	612	U
85-68-7	Butylbenzylphthalate	244	U
91-94-1	3,3'-Dichlorobenzidine	244	U
56-55-3	Benzo(a)anthracene	244	U
218-01-9	Chrysene	244	U
117-81-7	bis(2-ethylhexyl)phthalate	244	U
117-84-0	Di-n-octylphthalate	244	U
205-99-2	Benzo(b)fluoranthene	244	U
207-08-9	Benzo(k)fluoranthene	244	U
50-32-8	Benzo(a)pyrene	244	U
193-39-5	Indeno(1,2,3-cd)pyrene	244	U
53-70-3	Dibenz(a,h)anthracene	244	U
191-24-2	Benzo(g,h,i)perylene	244	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB05 (5-6)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718510 Lab File ID: 185-10.D

Sample wt/vol: 20.34 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2337

PercentSolids: 84.4 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	233	U
62-53-3	Aniline	233	U
111-44-4	Bis(2-Chloroethyl)ether	233	U
108-95-2	Phenol	1160	U
95-57-8	2-Chlorophenol	233	U
541-73-1	1,3-Dichlorobenzene	233	U
106-46-7	1,4-Dichlorobenzene	233	U
95-50-1	1,2-Dichlorobenzene	233	U
100-51-6	Benzyl alcohol	583	U
108-60-1	2,2-Oxybis(1-chloropropane)	236	U
95-48-7	2-Methylphenol (o-Cresol)	233	U
67-72-1	Hexachloroethane	236	U
621-64-7	N-Nitroso-di-n-propylamine	233	U
106-44-5	4-Methylphenol	233	U
98-95-3	Nitrobenzene	233	U
78-59-1	Isophorone	233	U
88-75-5	2-Nitrophenol	233	U
105-67-9	2,4-Dimethylphenol	233	U
65-85-0	Benzoic acid	1160	U
111-91-1	Bis(2-Chloroethoxy)methane	233	U
120-83-2	2,4-Dichlorophenol	233	U
120-82-1	1,2,4-Trichlorobenzene	233	U
91-20-3	Naphthalene	233	U
106-47-8	4-Chloroaniline	233	U
91-57-6	2-Methylnaphthalene	233	U
87-68-3	Hexachlorobutadiene	233	U
59-50-7	4-Chloro-3-methylphenol	233	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB05 (5-6)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718510 Lab File ID: 185-10.D

Sample wt/vol: 20.34 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2337

PercentSolids: 84.4 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	233	U
77-47-4	Hexachlorocyclopentadiene	583	U
88-06-2	2,4,6-Trichlorophenol	233	U
95-95-4	2,4,5-Trichlorophenol	233	U
91-58-7	2-Chloronaphthalene	236	U
88-74-4	2-Nitroaniline	233	U
208-96-8	Acenaphthylene	233	U
131-11-3	Dimethyl-phthalate	233	U
606-20-2	2,6-Dinitrotoluene	233	U
83-32-9	Acenaphthene	233	U
99-09-2	3-Nitroaniline	233	U
51-28-5	2,4-Dinitrophenol	1170	U
132-64-9	Dibenzofuran	233	U
121-14-2	2,4-Dinitrotoluene	233	U
100-02-7	4-Nitrophenol	583	U
86-73-7	Fluorene	233	U
7005-72-3	4-Chlorophenyl-phenylether	233	U
84-66-2	Diethylphthalate	233	U
100-01-6	4-Nitroaniline	233	U
534-52-1	2-Methyl-4,6-dinitrophenol	1160	U
86-30-6	N-Nitrosodiphenylamine	233	U
101-55-3	4-Bromophenyl-phenylether	233	U
118-74-1	Hexachlorobenzene	233	U
87-86-5	Pentachlorophenol	1160	U
85-01-8	Phenanthrene	233	U
120-12-7	Anthracene	233	U
84-74-2	Di-n-butylphthalate	233	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB05 (5-6)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718510 Lab File ID: 185-10.D

Sample wt/vol: 20.34 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 2337

PercentSolids: 84.4 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	233	U
129-00-0	Pyrene	233	U
92-87-5	Benzidine	585	U
85-68-7	Butylbenzylphthalate	233	U
91-94-1	3,3'-Dichlorobenzidine	233	U
56-55-3	Benzo(a)anthracene	233	U
218-01-9	Chrysene	233	U
117-81-7	bis(2-ethylhexyl)phthalate	233	U
117-84-0	Di-n-octylphthalate	233	U
205-99-2	Benzo(b)fluoranthene	233	U
207-08-9	Benzo(k)fluoranthene	233	U
50-32-8	Benzo(a)pyrene	233	U
193-39-5	Indeno(1,2,3-cd)pyrene	233	U
53-70-3	Dibenz(a,h)anthracene	233	U
191-24-2	Benzo(g,h,i)perylene	233	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB06 (3.5-4.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718511 Lab File ID: 185-11.D

Sample wt/vol: 20.49 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/21/07 Time: 0007

PercentSolids: 92 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	212	U
62-53-3	Aniline	212	U
111-44-4	Bis(2-Chloroethyl)ether	212	U
108-95-2	Phenol	1060	U
95-57-8	2-Chlorophenol	212	U
541-73-1	1,3-Dichlorobenzene	212	U
106-46-7	1,4-Dichlorobenzene	212	U
95-50-1	1,2-Dichlorobenzene	212	U
100-51-6	Benzyl alcohol	531	U
108-60-1	2,2-Oxybis(1-chloropropane)	215	U
95-48-7	2-Methylphenol (o-Cresol)	212	U
67-72-1	Hexachloroethane	215	U
621-64-7	N-Nitroso-di-n-propylamine	212	U
106-44-5	4-Methylphenol	212	U
98-95-3	Nitrobenzene	212	U
78-59-1	Isophorone	212	U
88-75-5	2-Nitrophenol	212	U
105-67-9	2,4-Dimethylphenol	212	U
65-85-0	Benzoic acid	1060	U
111-91-1	Bis(2-Chloroethoxy)methane	212	U
120-83-2	2,4-Dichlorophenol	212	U
120-82-1	1,2,4-Trichlorobenzene	212	U
91-20-3	Naphthalene	212	U
106-47-8	4-Chloroaniline	212	U
91-57-6	2-Methylnaphthalene	212	U
87-68-3	Hexachlorobutadiene	212	U
59-50-7	4-Chloro-3-methylphenol	212	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (3.5-4.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718511 Lab File ID: 185-11.D

Sample wt/vol: 20.49 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/21/07 Time: 0007

PercentSolids: 92 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	212	U
77-47-4	Hexachlorocyclopentadiene	531	U
88-06-2	2,4,6-Trichlorophenol	212	U
95-95-4	2,4,5-Trichlorophenol	212	U
91-58-7	2-Chloronaphthalene	215	U
88-74-4	2-Nitroaniline	212	U
208-96-8	Acenaphthylene	212	U
131-11-3	Dimethyl-phthalate	212	U
606-20-2	2,6-Dinitrotoluene	212	U
83-32-9	Acenaphthene	212	U
99-09-2	3-Nitroaniline	212	U
51-28-5	2,4-Dinitrophenol	1070	U
132-64-9	Dibenzofuran	212	U
121-14-2	2,4-Dinitrotoluene	212	U
100-02-7	4-Nitrophenol	531	U
86-73-7	Fluorene	212	U
7005-72-3	4-Chlorophenyl-phenylether	212	U
84-66-2	Diethylphthalate	212	U
100-01-6	4-Nitroaniline	212	U
534-52-1	2-Methyl-4,6-dinitrophenol	1060	U
86-30-6	N-Nitrosodiphenylamine	212	U
101-55-3	4-Bromophenyl-phenylether	212	U
118-74-1	Hexachlorobenzene	212	U
87-86-5	Pentachlorophenol	1060	U
85-01-8	Phenanthrene	212	U
120-12-7	Anthracene	212	U
84-74-2	Di-n-butylphthalate	212	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB06 (3.5-4.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718511 Lab File ID: 185-11.D

Sample wt/vol: 20.49 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/21/07 Time: 0007

PercentSolids: 92 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	212	U
129-00-0	Pyrene	212	U
92-87-5	Benzidine	533	U
85-68-7	Butylbenzylphthalate	212	U
91-94-1	3,3'-Dichlorobenzidine	212	U
56-55-3	Benzo(a)anthracene	212	U
218-01-9	Chrysene	212	U
117-81-7	bis(2-ethylhexyl)phthalate	212	U
117-84-0	Di-n-octylphthalate	212	U
205-99-2	Benzo(b)fluoranthene	212	U
207-08-9	Benzo(k)fluoranthene	212	U
50-32-8	Benzo(a)pyrene	212	U
193-39-5	Indeno(1,2,3-cd)pyrene	212	U
53-70-3	Dibenz(a,h)anthracene	212	U
191-24-2	Benzo(g,h,i)perylene	212	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB06 (9-10)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718512 Lab File ID: 185-12.D

Sample wt/vol: 20.71 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/21/07 Time: 0036

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	244	U
62-53-3	Aniline	244	U
111-44-4	Bis(2-Chloroethyl)ether	244	U
108-95-2	Phenol	1220	U
95-57-8	2-Chlorophenol	244	U
541-73-1	1,3-Dichlorobenzene	244	U
106-46-7	1,4-Dichlorobenzene	244	U
95-50-1	1,2-Dichlorobenzene	244	U
100-51-6	Benzyl alcohol	610	U
108-60-1	2,2-Oxybis(1-chloropropane)	247	U
95-48-7	2-Methylphenol (o-Cresol)	244	U
67-72-1	Hexachloroethane	247	U
621-64-7	N-Nitroso-di-n-propylamine	244	U
106-44-5	4-Methylphenol	244	U
98-95-3	Nitrobenzene	244	U
78-59-1	Isophorone	244	U
88-75-5	2-Nitrophenol	244	U
105-67-9	2,4-Dimethylphenol	244	U
65-85-0	Benzoic acid	1220	U
111-91-1	Bis(2-Chloroethoxy)methane	244	U
120-83-2	2,4-Dichlorophenol	244	U
120-82-1	1,2,4-Trichlorobenzene	244	U
91-20-3	Naphthalene	244	U
106-47-8	4-Chloroaniline	244	U
91-57-6	2-Methylnaphthalene	244	U
87-68-3	Hexachlorobutadiene	244	U
59-50-7	4-Chloro-3-methylphenol	244	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (9-10)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718512 Lab File ID: 185-12.D

Sample wt/vol: 20.71 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/21/07 Time: 0036

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	244	U
77-47-4	Hexachlorocyclopentadiene	610	U
88-06-2	2,4,6-Trichlorophenol	244	U
95-95-4	2,4,5-Trichlorophenol	244	U
91-58-7	2-Chloronaphthalene	247	U
88-74-4	2-Nitroaniline	244	U
208-96-8	Acenaphthylene	244	U
131-11-3	Dimethyl-phthalate	244	U
606-20-2	2,6-Dinitrotoluene	244	U
83-32-9	Acenaphthene	244	U
99-09-2	3-Nitroaniline	244	U
51-28-5	2,4-Dinitrophenol	1220	U
132-64-9	Dibenzofuran	244	U
121-14-2	2,4-Dinitrotoluene	244	U
100-02-7	4-Nitrophenol	610	U
86-73-7	Fluorene	244	U
7005-72-3	4-Chlorophenyl-phenylether	244	U
84-66-2	Diethylphthalate	244	U
100-01-6	4-Nitroaniline	244	U
534-52-1	2-Methyl-4,6-dinitrophenol	1220	U
86-30-6	N-Nitrosodiphenylamine	244	U
101-55-3	4-Bromophenyl-phenylether	244	U
118-74-1	Hexachlorobenzene	244	U
87-86-5	Pentachlorophenol	1220	U
85-01-8	Phenanthrene	244	U
120-12-7	Anthracene	244	U
84-74-2	Di-n-butylphthalate	244	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB06 (9-10)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718512 Lab File ID: 185-12.D

Sample wt/vol: 20.71 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/21/07 Time: 0036

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	244	U
129-00-0	Pyrene	244	U
92-87-5	Benzidine	613	U
85-68-7	Butylbenzylphthalate	244	U
91-94-1	3,3'-Dichlorobenzidine	244	U
56-55-3	Benzo(a)anthracene	244	U
218-01-9	Chrysene	244	U
117-81-7	bis(2-ethylhexyl)phthalate	244	U
117-84-0	Di-n-octylphthalate	244	U
205-99-2	Benzo(b)fluoranthene	244	U
207-08-9	Benzo(k)fluoranthene	244	U
50-32-8	Benzo(a)pyrene	244	U
193-39-5	Indeno(1,2,3-cd)pyrene	244	U
53-70-3	Dibenz(a,h)anthracene	244	U
191-24-2	Benzo(g,h,i)perylene	244	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB07 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718513 Lab File ID: 185-13.D

Sample wt/vol: 20.25 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/21/07 Time: 0105

PercentSolids: 87.5 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	226	U
62-53-3	Aniline	226	U
111-44-4	Bis(2-Chloroethyl)ether	226	U
108-95-2	Phenol	1130	U
95-57-8	2-Chlorophenol	226	U
541-73-1	1,3-Dichlorobenzene	226	U
106-46-7	1,4-Dichlorobenzene	226	U
95-50-1	1,2-Dichlorobenzene	226	U
100-51-6	Benzyl alcohol	565	U
108-60-1	2,2-Oxybis(1-chloropropane)	228	U
95-48-7	2-Methylphenol (o-Cresol)	226	U
67-72-1	Hexachloroethane	228	U
621-64-7	N-Nitroso-di-n-propylamine	226	U
106-44-5	4-Methylphenol	226	U
98-95-3	Nitrobenzene	226	U
78-59-1	Isophorone	226	U
88-75-5	2-Nitrophenol	226	U
105-67-9	2,4-Dimethylphenol	226	U
65-85-0	Benzoic acid	1130	U
111-91-1	Bis(2-Chloroethoxy)methane	226	U
120-83-2	2,4-Dichlorophenol	226	U
120-82-1	1,2,4-Trichlorobenzene	226	U
91-20-3	Naphthalene	226	U
106-47-8	4-Chloroaniline	226	U
91-57-6	2-Methylnaphthalene	226	U
87-68-3	Hexachlorobutadiene	226	U
59-50-7	4-Chloro-3-methylphenol	226	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB07 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718513 Lab File ID: 185-13.D

Sample wt/vol: 20.25 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/21/07 Time: 0105

PercentSolids: 87.5 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	226	U
77-47-4	Hexachlorocyclopentadiene	565	U
88-06-2	2,4,6-Trichlorophenol	226	U
95-95-4	2,4,5-Trichlorophenol	226	U
91-58-7	2-Chloronaphthalene	228	U
88-74-4	2-Nitroaniline	226	U
208-96-8	Acenaphthylene	226	U
131-11-3	Dimethyl-phthalate	226	U
606-20-2	2,6-Dinitrotoluene	226	U
83-32-9	Acenaphthene	226	U
99-09-2	3-Nitroaniline	226	U
51-28-5	2,4-Dinitrophenol	1130	U
132-64-9	Dibenzofuran	226	U
121-14-2	2,4-Dinitrotoluene	226	U
100-02-7	4-Nitrophenol	565	U
86-73-7	Fluorene	226	U
7005-72-3	4-Chlorophenyl-phenylether	226	U
84-66-2	Diethylphthalate	226	U
100-01-6	4-Nitroaniline	226	U
534-52-1	2-Methyl-4,6-dinitrophenol	1130	U
86-30-6	N-Nitrosodiphenylamine	226	U
101-55-3	4-Bromophenyl-phenylether	226	U
118-74-1	Hexachlorobenzene	226	U
87-86-5	Pentachlorophenol	1130	U
85-01-8	Phenanthrene	226	U
120-12-7	Anthracene	226	U
84-74-2	Di-n-butylphthalate	226	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB07 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718513 Lab File ID: 185-13.D

Sample wt/vol: 20.25 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/21/07 Time: 0105

PercentSolids: 87.5 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	226	U
129-00-0	Pyrene	226	U
92-87-5	Benzidine	567	U
85-68-7	Butylbenzylphthalate	226	U
91-94-1	3,3'-Dichlorobenzidine	226	U
56-55-3	Benzo(a)anthracene	226	U
218-01-9	Chrysene	226	U
117-81-7	bis(2-ethylhexyl)phthalate	226	U
117-84-0	Di-n-octylphthalate	226	U
205-99-2	Benzo(b)fluoranthene	226	U
207-08-9	Benzo(k)fluoranthene	226	U
50-32-8	Benzo(a)pyrene	226	U
193-39-5	Indeno(1,2,3-cd)pyrene	226	U
53-70-3	Dibenz(a,h)anthracene	226	U
191-24-2	Benzo(g,h,i)perylene	226	U

QC Summary

230707 1647

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3208BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 246118 Lab File ID: 3208BLK.D

Sample wt/vol: 20.15 Units: G Date Received: 07/19/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1443

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	199	U
62-53-3	Aniline	199	U
111-44-4	Bis(2-Chloroethyl)ether	199	U
108-95-2	Phenol	993	U
95-57-8	2-Chlorophenol	199	U
541-73-1	1,3-Dichlorobenzene	199	U
106-46-7	1,4-Dichlorobenzene	199	U
95-50-1	1,2-Dichlorobenzene	199	U
100-51-6	Benzyl alcohol	496	U
108-60-1	2,2-Oxybis(1-chloropropane)	201	U
95-48-7	2-Methylphenol (o-Cresol)	199	U
67-72-1	Hexachloroethane	201	U
621-64-7	N-Nitroso-di-n-propylamine	199	U
106-44-5	4-Methylphenol	199	U
98-95-3	Nitrobenzene	199	U
78-59-1	Isophorone	199	U
88-75-5	2-Nitrophenol	199	U
105-67-9	2,4-Dimethylphenol	199	U
65-85-0	Benzoic acid	993	U
111-91-1	Bis(2-Chloroethoxy)methane	199	U
120-83-2	2,4-Dichlorophenol	199	U
120-82-1	1,2,4-Trichlorobenzene	199	U
91-20-3	Naphthalene	199	U
106-47-8	4-Chloroaniline	199	U
91-57-6	2-Methylnaphthalene	199	U
87-68-3	Hexachlorobutadiene	199	U
59-50-7	4-Chloro-3-methylphenol	199	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3208BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 246118 Lab File ID: 3208BLK.D

Sample wt/vol: 20.15 Units: G Date Received: 07/19/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1443

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	199	U
77-47-4	Hexachlorocyclopentadiene	496	U
88-06-2	2,4,6-Trichlorophenol	199	U
95-95-4	2,4,5-Trichlorophenol	199	U
91-58-7	2-Chloronaphthalene	201	U
88-74-4	2-Nitroaniline	199	U
208-96-8	Acenaphthylene	199	U
131-11-3	Dimethyl-phthalate	199	U
606-20-2	2,6-Dinitrotoluene	199	U
83-32-9	Acenaphthene	199	U
99-09-2	3-Nitroaniline	199	U
51-28-5	2,4-Dinitrophenol	997	U
132-64-9	Dibenzofuran	199	U
121-14-2	2,4-Dinitrotoluene	199	U
100-02-7	4-Nitrophenol	496	U
86-73-7	Fluorene	199	U
7005-72-3	4-Chlorophenyl-phenylether	199	U
84-66-2	Diethylphthalate	199	U
100-01-6	4-Nitroaniline	199	U
534-52-1	2-Methyl-4,6-dinitrophenol	993	U
86-30-6	N-Nitrosodiphenylamine	199	U
101-55-3	4-Bromophenyl-phenylether	199	U
118-74-1	Hexachlorobenzene	199	U
87-86-5	Pentachlorophenol	993	U
85-01-8	Phenanthrene	199	U
120-12-7	Anthracene	199	U
84-74-2	Di-n-butylphthalate	199	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3208BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 246118 Lab File ID: 3208BLK.D

Sample wt/vol: 20.15 Units: G Date Received: 07/19/07

Concentrated Extract Volume: 1 Date Extracted: 07/19/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 1443

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	199	U
129-00-0	Pyrene	199	U
92-87-5	Benzidine	499	U
85-68-7	Butylbenzylphthalate	199	U
91-94-1	3,3'-Dichlorobenzidine	199	U
56-55-3	Benzo(a)anthracene	199	U
218-01-9	Chrysene	199	U
117-81-7	bis(2-ethylhexyl)phthalate	199	U
117-84-0	Di-n-octylphthalate	199	U
205-99-2	Benzo(b)fluoranthene	199	U
207-08-9	Benzo(k)fluoranthene	199	U
50-32-8	Benzo(a)pyrene	199	U
193-39-5	Indeno(1,2,3-cd)pyrene	199	U
53-70-3	Dibenz(a,h)anthracene	199	U
191-24-2	Benzo(g,h,i)perylene	199	U

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3208LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	3920	1310	33.4 *		30.0	48 - 115
Aniline	1960	1110	56.6		30.0	47 - 140
Bis(2-Chloroethyl)ether	1960	1100	56.1 *		30.0	61 - 105
Phenol	1960	1170	59.7		23.0	46 - 100
2-Chlorophenol	1960	1170	59.7		24.0	54 - 105
1,3-Dichlorobenzene	1960	1170	59.7 *		26.0	67 - 100
1,4-Dichlorobenzene	1960	1180	60.2 *		27.0	62 - 105
1,2-Dichlorobenzene	1960	1130	57.7 *		30.0	65 - 95
Benzyl alcohol	1960	946	48.3 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	1960	1140	58.2		30.0	52 - 115
2-Methylphenol (o-Cresol)	1960	1030	52.6 *		30.0	58 - 105
Hexachloroethane	1960	1060	54.1 *		28.0	65 - 110
N-Nitroso-di-n-propylamine	1960	1150	58.7 *		28.0	59 - 115
4-Methylphenol	1960	1070	54.6 *		26.0	57 - 105
Nitrobenzene	1960	1230	62.8 *		27.0	71 - 115
Isophorone	1960	1100	56.1 *		30.0	69 - 110
2-Nitrophenol	1960	1210	61.7		20.0	61 - 110
2,4-Dimethylphenol	1960	1180	60.2 *		30.0	65 - 105
Benzoic acid	1960	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	1960	999	51.0 *		30.0	70 - 110
2,4-Dichlorophenol	1960	1180	60.2 *		29.0	64 - 110
1,2,4-Trichlorobenzene	1960	1170	59.7 *		29.0	71 - 110
Naphthalene	1960	1130	57.7 *		23.0	67 - 105
4-Chloroaniline	1960	1170	59.7		30.0	57 - 95
2-Methylnaphthalene	1960	1240	63.3 *		22.0	72 - 105
Hexachlorobutadiene	1960	1140	58.2 *		27.0	79 - 115
4-Chloro-3-methylphenol	1960	1190	60.7 *		30.0	62 - 115
1-Methylnaphthalene	1960	1260	64.3 *		25.0	67 - 145
Hexachlorocyclopentadiene	1960	831	42.4		44.0	34 - 139
2,4,6-Trichlorophenol	1960	1080	55.1 *		30.0	62 - 110
2,4,5-Trichlorophenol	1960	903	46.1 *		29.0	61 - 110
2-Chloronaphthalene	1960	1180	60.2 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

230707 1647

Form III

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3208LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	1960	1180	60.2 *		23.0	71 - 120
Acenaphthylene	1960	1090	55.6 *		21.0	66 - 105
Dimethyl-phthalate	1960	1150	58.7 *		30.0	69 - 110
2,6-Dinitrotoluene	1960	1210	61.7 *		30.0	73 - 110
Acenaphthene	1960	1070	54.6 *		28.0	65 - 110
3-Nitroaniline	1960	1180	60.2 *		30.0	76 - 110
2,4-Dinitrophenol	1960	164	8.4 *		30.0	29 - 130
Dibenzofuran	1960	1220	62.2 *		28.0	75 - 105
2,4-Dinitrotoluene	1960	1200	61.2 *		29.0	77 - 115
4-Nitrophenol	1960	1080	55.1		30.0	52 - 140
Fluorene	1960	1090	55.6 *		28.0	67 - 110
4-Chlorophenyl-phenylether	1960	1180	60.2 *		30.0	65 - 110
Diethylphthalate	1960	1110	56.6 *		28.0	68 - 115
4-Nitroaniline	1960	1020	52.0 *		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	1960	742	37.9		28.0	34 - 135
N-Nitrosodiphenylamine	1960	1340	68.4 *		23.0	77 - 115
4-Bromophenyl-phenylether	1960	1270	64.8		30.0	59 - 115
Hexachlorobenzene	1960	1210	61.7 *		28.0	77 - 120
Pentachlorophenol	1960	684	34.9 *		30.0	36 - 120
Phenanthrene	1960	1120	57.1 *		25.0	67 - 110
Anthracene	1960	1110	56.6 *		19.0	67 - 105
Di-n-butylphthalate	1960	1210	61.7 *		29.0	67 - 110
Fluoranthene	1960	1180	60.2 *		21.0	74 - 115
Pyrene	1960	1140	58.2 *		20.0	67 - 125
Benzidine	1960	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	1960	1100	56.1 *		30.0	66 - 125
3,3'-Dichlorobenzidine	1960	1080	55.1		30.0	41 - 130
Benzo(a)anthracene	1960	1010	51.5 *		29.0	67 - 110
Chrysene	1960	1080	55.1 *		30.0	65 - 110
bis(2-ethylhexyl)phthalate	1960	1090	55.6 *		30.0	65 - 125
Di-n-octylphthalate	1960	1100	56.1 *		30.0	64 - 130
Benzo(b)fluoranthene	1960	1110	56.6		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

230707 1647

Form III

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3208LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	1960	978	49.9 *		28.0	53 - 125
Benzo(a)pyrene	1960	996	50.8 *		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	1960	1030	52.6		30.0	40 - 120
Dibenz(a,h)anthracene	1960	923	47.1		30.0	40 - 125
Benzo(g,h,i)perylene	1960	885	45.2		23.0	41 - 125

Spike Recovery: 54 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

230707 1647

Form III

3

SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MS (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
N-Nitrosodimethylamine	2420	0	2380	98.3	10 - 187
Aniline	2420	0	1120	46.3	45 - 119
Bis(2-Chloroethyl)ether	2420	0	1960	81.0 *	86 - 133
Phenol	2420	0	2010	83.1	27 - 177
2-Chlorophenol	2420	0	2120	87.6	43 - 178
1,3-Dichlorobenzene	2420	0	2090	86.4	40 - 185
1,4-Dichlorobenzene	2420	0	2090	86.4	64 - 161
1,2-Dichlorobenzene	2420	0	2050	84.7	42 - 189
Benzyl alcohol	2420	0	1710	70.7	45 - 131
2,2-Oxybis(1-chloropropane)	2420	0	1980	81.8	48 - 158
2-Methylphenol (o-Cresol)	2420	0	1870	77.3	28 - 190
Hexachloroethane	2420	0	1960	81.0	63 - 166
N-Nitroso-di-n-propylamine	2420	0	2060	85.1	69 - 127
4-Methylphenol	2420	0	1930	79.8	26 - 185
Nitrobenzene	2420	0	2230	92.1	61 - 172
Isophorone	2420	0	1940	80.2	58 - 184
2-Nitrophenol	2420	0	2250	93.0	47 - 183
2,4-Dimethylphenol	2420	0	2140	88.4	22 - 169
Benzoic acid	2420	0	1150	47.5	10 - 127
Bis(2-Chloroethoxy)methane	2420	0	1750	72.3	61 - 161
2,4-Dichlorophenol	2420	0	2200	90.9	43 - 181
1,2,4-Trichlorobenzene	2420	0	2100	86.8	35 - 200
Naphthalene	2420	0	1970	81.4	59 - 162
4-Chloroaniline	2420	0	1640	67.8	29 - 155
2-Methylnaphthalene	2420	0	2190	90.5	39 - 213
Hexachlorobutadiene	2420	0	2030	83.9	61 - 207
4-Chloro-3-methylphenol	2420	0	2180	90.1	47 - 185
1-Methylnaphthalene	2420	0	2200	90.9	59 - 126
Hexachlorocyclopentadiene	2420	0	1660	68.6	15 - 114
2,4,6-Trichlorophenol	2420	0	2110	87.2	47 - 181

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

230707 1647

3

SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MS (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
2,4,5-Trichlorophenol	2420	0	1900	78.5	39 - 183
2-Chloronaphthalene	2420	0	2100	86.8	61 - 179
2-Nitroaniline	2420	0	2160	89.3	17 - 211
Acenaphthylene	2420	0	1930	79.8	78 - 141
Dimethyl-phthalate	2420	0	2030	83.9	56 - 167
2,6-Dinitrotoluene	2420	0	2170	89.7	49 - 195
Acenaphthene	2420	0	1900	78.5	54 - 171
3-Nitroaniline	2420	0	2180	90.1	50 - 191
2,4-Dinitrophenol	2420	0	1190	49.2	10 - 174
Dibenzofuran	2420	0	2110	87.2	62 - 185
2,4-Dinitrotoluene	2420	0	2230	92.1	50 - 201
4-Nitrophenol	2420	0	2180	90.1	46 - 144
Fluorene	2420	0	1870	77.3	51 - 168
4-Chlorophenyl-phenylether	2420	0	2060	85.1	54 - 163
Diethylphthalate	2420	0	1940	80.2	54 - 170
4-Nitroaniline	2420	0	2150	88.8	76 - 146
2-Methyl-4,6-dinitrophenol	2420	0	2230	92.1	19 - 138
N-Nitrosodiphenylamine	2420	0	2300	95.0	53 - 202
4-Bromophenyl-phenylether	2420	0	2260	93.4	50 - 145
Hexachlorobenzene	2420	0	2160	89.3	59 - 180
Pentachlorophenol	2420	0	1970	81.4	10 - 223
Phenanthrene	2420	0	1950	80.6	52 - 177
Anthracene	2420	0	1950	80.6	54 - 172
Di-n-butylphthalate	2420	0	2110	87.2	61 - 164
Fluoranthene	2420	0	2020	83.5	38 - 219
Pyrene	2420	0	2040	84.3	55 - 171
Benzidine	2420	0	0	0.0	0 - 74
Butylbenzylphthalate	2420	0	2020	83.5	81 - 149
3,3'-Dichlorobenzidine	2420	0	1690	69.8	28 - 155
Benzo(a)anthracene	2420	0	1800	74.4	62 - 139

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

230707 1647

3

SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MS (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Chrysene	2420	0	1940	80.2	46 - 184
bis(2-ethylhexyl)phthalate	2420	0	1980	81.8	54 - 173
Di-n-octylphthalate	2420	0	1900	78.5	57 - 172
Benzo(b)fluoranthene	2420	0	2000	82.6	65 - 137
Benzo(k)fluoranthene	2420	0	1930	79.8	23 - 205
Benzo(a)pyrene	2420	0	2040	84.3	60 - 139
Indeno(1,2,3-cd)pyrene	2420	0	1610	66.5	10 - 218
Dibenz(a,h)anthracene	2420	0	1500	62.0	10 - 183
Benzo(g,h,i)perylene	2420	0	1460	60.3	24 - 189

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

230707 1647

3

SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MSD (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	2360	2280	96.6	4.3	30	10 - 187
Aniline	2360	708	30.0 *	45.1 *	18	45 - 119
Bis(2-Chloroethyl)ether	2360	1900	80.5 *	3.1	30	86 - 133
Phenol	2360	1930	81.8	4.1	30	27 - 177
2-Chlorophenol	2360	2060	87.3	2.9	29	43 - 178
1,3-Dichlorobenzene	2360	2020	85.6	3.4	27	40 - 185
1,4-Dichlorobenzene	2360	2030	86.0	2.9	30	64 - 161
1,2-Dichlorobenzene	2360	1980	83.9	3.5	19	42 - 189
Benzyl alcohol	2360	1700	72.0	0.6	23	45 - 131
2,2-Oxybis(1-chloropropane)	2360	1890	80.1	4.7	30	48 - 158
2-Methylphenol (o-Cresol)	2360	1800	76.3	3.8	26	28 - 190
Hexachloroethane	2360	1960	83.1	0.0	30	63 - 166
N-Nitroso-di-n-propylamine	2360	1980	83.9	4.0	30	69 - 127
4-Methylphenol	2360	1870	79.2	3.2	27	26 - 185
Nitrobenzene	2360	2170	91.9	2.7	30	61 - 172
Isophorone	2360	1860	78.8	4.2	30	58 - 184
2-Nitrophenol	2360	2200	93.2	2.2	25	47 - 183
2,4-Dimethylphenol	2360	2100	89.0	1.9	25	22 - 169
Benzoic acid	2360	1010	42.8	13.0 *	11	10 - 127
Bis(2-Chloroethoxy)methane	2360	1720	72.9	1.7	28	61 - 161
2,4-Dichlorophenol	2360	2130	90.3	3.2	23	43 - 181
1,2,4-Trichlorobenzene	2360	2060	87.3	1.9	23	35 - 200
Naphthalene	2360	1920	81.4	2.6	29	59 - 162
4-Chloroaniline	2360	1160	49.2	34.3 *	30	29 - 155
2-Methylnaphthalene	2360	2140	90.7	2.3	22	39 - 213
Hexachlorobutadiene	2360	1990	84.3	2.0	30	61 - 207
4-Chloro-3-methylphenol	2360	2160	91.5	0.9	30	47 - 185
1-Methylnaphthalene	2360	2160	91.5	1.8	30	59 - 126
Hexachlorocyclopentadiene	2360	1680	71.2	1.2	92	15 - 114
2,4,6-Trichlorophenol	2360	2030	86.0	3.9	22	47 - 181

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

230707 1647

3

SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MSD (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2,4,5-Trichlorophenol	2360	1860	78.8	2.1	27	39 - 183
2-Chloronaphthalene	2360	2080	88.1	1.0	17	61 - 179
2-Nitroaniline	2360	2080	88.1	3.8	28	17 - 211
Acenaphthylene	2360	1890	80.1	2.1	27	78 - 141
Dimethyl-phthalate	2360	2020	85.6	0.5	27	56 - 167
2,6-Dinitrotoluene	2360	2200	93.2	1.4	23	49 - 195
Acenaphthene	2360	1870	79.2	1.6	30	54 - 171
3-Nitroaniline	2360	2150	91.1	1.4	21	50 - 191
2,4-Dinitrophenol	2360	1060	44.9	11.6	25	10 - 174
Dibenzofuran	2360	2100	89.0	0.5	30	62 - 185
2,4-Dinitrotoluene	2360	2210	93.6	0.9	19	50 - 201
4-Nitrophenol	2360	2120	89.8	2.8	23	46 - 144
Fluorene	2360	1860	78.8	0.5	29	51 - 168
4-Chlorophenyl-phenylether	2360	2060	87.3	0.0	30	54 - 163
Diethylphthalate	2360	1900	80.5	2.1	24	54 - 170
4-Nitroaniline	2360	2100	89.0	2.4	29	76 - 146
2-Methyl-4,6-dinitrophenol	2360	2170	91.9	2.7	30	19 - 138
N-Nitrosodiphenylamine	2360	2270	96.2	1.3	30	53 - 202
4-Bromophenyl-phenylether	2360	2200	93.2	2.7	25	50 - 145
Hexachlorobenzene	2360	2140	90.7	0.9	30	59 - 180
Pentachlorophenol	2360	1950	82.6	1.0	30	10 - 223
Phenanthrene	2360	1930	81.8	1.0	30	52 - 177
Anthracene	2360	1910	80.9	2.1	28	54 - 172
Di-n-butylphthalate	2360	2070	87.7	1.9	30	61 - 164
Fluoranthene	2360	1980	83.9	2.0	30	38 - 219
Pyrene	2360	1960	83.1	4.0	30	55 - 171
Benzidine	2360	0	0.0		80	0 - 74
Butylbenzylphthalate	2360	1950	82.6	3.5	21	81 - 149
3,3'-Dichlorobenzidine	2360	1430	60.6	16.7	30	28 - 155
Benzo(a)anthracene	2360	1810	76.7	0.6	22	62 - 139

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

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3

SEMI-VOLATILE ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MSD (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chrysene	2360	1900	80.5	2.1	28	46 - 184
bis(2-ethylhexyl)phthalate	2360	1930	81.8	2.6	30	54 - 173
Di-n-octylphthalate	2360	1910	80.9	0.5	16	57 - 172
Benzo(b)fluoranthene	2360	1890	80.1	5.7	30	65 - 137
Benzo(k)fluoranthene	2360	1920	81.4	0.5	23	23 - 205
Benzo(a)pyrene	2360	1970	83.5	3.5	26	60 - 139
Indeno(1,2,3-cd)pyrene	2360	1460	61.9	9.8	30	10 - 218
Dibenz(a,h)anthracene	2360	1440	61.0	4.1	30	10 - 183
Benzo(g,h,i)perylene	2360	1430	60.6	2.1	30	24 - 189

RPD: 3 out of 69 outside limits

Spike Recovery: 2 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Form III

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GC/ECD PCB ORGANICS

METHOD 8082

230707 1647

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507185

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

A client requested MS/SD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507185

Client: T N & Associates, Inc.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 07/21/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Method: 8082

EPA Sample No	Lab Sample ID
NPP-SB01	250718501
NPP-SB01 (8-9)	250718502
NPP-SB02 (3-4)	250718503
NPP-SB02 (8-9)	250718504
NPP-SB03 (1.5-2.5)	250718507
NPP-SB03 (7-8)	250718508
NPP-SB04 (6-7)	250718509
NPP-SB05 (5-6)	250718510
NPP-SB06 (3.5-4.5)	250718511
NPP-SB06 (9-10)	250718512
NPP-SB07 (3-4)	250718513

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Sample Data

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1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718501 Lab File ID: 185-01.D

Sample wt/vol: 20.12 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2121

PercentSolids: 85.3 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	26	U
11096-82-5	Aroclor-1260	26	U
11104-28-2	Aroclor-1221	26	U
11141-16-5	Aroclor-1232	26	U
53469-21-9	Aroclor-1242	26	U
12672-29-6	Aroclor-1248	26	U
11097-69-1	Aroclor-1254	26	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718502 Lab File ID: 185-02.D

Sample wt/vol: 20.4 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2147

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	28	U
11096-82-5	Aroclor-1260	28	U
11104-28-2	Aroclor-1221	28	U
11141-16-5	Aroclor-1232	28	U
53469-21-9	Aroclor-1242	28	U
12672-29-6	Aroclor-1248	28	U
11097-69-1	Aroclor-1254	28	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718503 Lab File ID: 185-03.D

Sample wt/vol: 20.09 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2212

PercentSolids: 81.4 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	28	U
11096-82-5	Aroclor-1260	28	U
11104-28-2	Aroclor-1221	28	U
11141-16-5	Aroclor-1232	28	U
53469-21-9	Aroclor-1242	28	U
12672-29-6	Aroclor-1248	28	U
11097-69-1	Aroclor-1254	28	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718504 Lab File ID: 185-04.D

Sample wt/vol: 20.13 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 2238

PercentSolids: 87.6 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	26	U
11096-82-5	Aroclor-1260	26	U
11104-28-2	Aroclor-1221	26	U
11141-16-5	Aroclor-1232	26	U
53469-21-9	Aroclor-1242	26	U
12672-29-6	Aroclor-1248	26	U
11097-69-1	Aroclor-1254	26	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB03 (1.5-2.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718507 Lab File ID: 185-07.D

Sample wt/vol: 20.64 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0039

PercentSolids: 93.4 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	23	U
11096-82-5	Aroclor-1260	23	U
11104-28-2	Aroclor-1221	23	U
11141-16-5	Aroclor-1232	23	U
53469-21-9	Aroclor-1242	23	U
12672-29-6	Aroclor-1248	23	U
11097-69-1	Aroclor-1254	23	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (7-8)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718508 Lab File ID: 185-08.D

Sample wt/vol: 20.11 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0105

PercentSolids: 83.5 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	27	U
11096-82-5	Aroclor-1260	27	U
11104-28-2	Aroclor-1221	27	U
11141-16-5	Aroclor-1232	27	U
53469-21-9	Aroclor-1242	27	U
12672-29-6	Aroclor-1248	27	U
11097-69-1	Aroclor-1254	27	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB04 (6-7)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718509 Lab File ID: 185-09.D

Sample wt/vol: 20.36 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0131

PercentSolids: 80.5 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	27	U
11096-82-5	Aroclor-1260	27	U
11104-28-2	Aroclor-1221	27	U
11141-16-5	Aroclor-1232	27	U
53469-21-9	Aroclor-1242	27	U
12672-29-6	Aroclor-1248	27	U
11097-69-1	Aroclor-1254	27	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB05 (5-6)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718510 Lab File ID: 185-10.D

Sample wt/vol: 20.1 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0157

PercentSolids: 84.4 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	26	U
11096-82-5	Aroclor-1260	26	U
11104-28-2	Aroclor-1221	26	U
11141-16-5	Aroclor-1232	26	U
53469-21-9	Aroclor-1242	26	U
12672-29-6	Aroclor-1248	26	U
11097-69-1	Aroclor-1254	26	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (3.5-4.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718511 Lab File ID: 185-11.D

Sample wt/vol: 20.49 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0222

PercentSolids: 92 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	24	U
11096-82-5	Aroclor-1260	24	U
11104-28-2	Aroclor-1221	24	U
11141-16-5	Aroclor-1232	24	U
53469-21-9	Aroclor-1242	24	U
12672-29-6	Aroclor-1248	24	U
11097-69-1	Aroclor-1254	24	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (9-10)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718512 Lab File ID: 185-12.D

Sample wt/vol: 20.18 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0248

PercentSolids: 79.2 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	28	U
11096-82-5	Aroclor-1260	28	U
11104-28-2	Aroclor-1221	28	U
11141-16-5	Aroclor-1232	28	U
53469-21-9	Aroclor-1242	28	U
12672-29-6	Aroclor-1248	28	U
11097-69-1	Aroclor-1254	28	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB07 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718513 Lab File ID: 185-13.D

Sample wt/vol: 20.11 Units: G Date Received: 07/13/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/20/07 Time: 0314

PercentSolids: 87.5 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	26	U
11096-82-5	Aroclor-1260	26	U
11104-28-2	Aroclor-1221	26	U
11141-16-5	Aroclor-1232	26	U
53469-21-9	Aroclor-1242	26	U
12672-29-6	Aroclor-1248	26	U
11097-69-1	Aroclor-1254	26	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 205BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 246110 Lab File ID: 205BLK.D

Sample wt/vol: 15.05 Units: G Date Received: 07/18/07

Concentrated Extract Volume: 10 Date Extracted: 07/18/07

Level:(low/med) LOW Date Analyzed: 07/19/07 Time: 1846

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	30	U
11096-82-5	Aroclor-1260	30	U
11104-28-2	Aroclor-1221	30	U
11141-16-5	Aroclor-1232	30	U
53469-21-9	Aroclor-1242	30	U
12672-29-6	Aroclor-1248	30	U
11097-69-1	Aroclor-1254	30	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

205LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	654	494	75.5		21.0	40 - 140
Aroclor-1260	654	610	93.3		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

3

PCB ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MS (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Pac

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Aroclor-1016	606	0	564	93.1	46 - 116
Aroclor-1260	606	0	542	89.4	12 - 123

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

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3

PCB ORGANIC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

EPA Sample No.

NPP-SB02 MSD (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	602	452	75.1	22.0	28	46 - 116
Aroclor-1260	602	527	87.5	2.8	18	12 - 123

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

Form III

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Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507185

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 245853BLK was analyzed with the soil samples on 07/19/07. The following analyte(s) were detected below RL: Potassium at 8.22 MG/KG. Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507185

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

A client requested MS/SD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met with the exception of:
MS - NPP-SB02 MS (3-4) was analyzed with the soil samples on 07/19/07. The following analyte(s) were recovered below criteria: Antimony at 43.7 % with criteria of (75-125) and the following analyte(s) were recovered above criteria: Aluminum at 238.2 % with criteria of (75-125), Iron at 185.6 % with criteria of (75-125).

SD - NPP-SB02 MSD (3-4) was analyzed with the soil samples on 07/19/07. The following analyte(s) were recovered below criteria: Antimony at 46.9 % with criteria of (75-125) and the following analyte(s) were recovered above criteria: Aluminum at 239.7 % with criteria of (75-125), Iron at 187.9 % with criteria of (75-125). The following analyte(s) exceeded RPD criteria: Antimony at 24.3 % with criteria of (20).
Samples coded accordingly.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

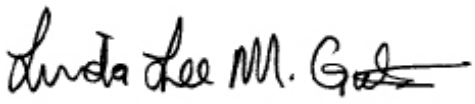
E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 07/20/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507185

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

A client requested MS/SD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507185

Client: T N & Associates, Inc.

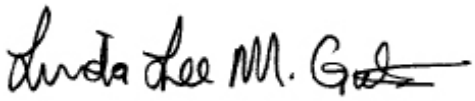
D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 07/23/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507185

SOW No.:

EPA Sample No	Lab Sample ID
NPP-SB01	250718501
NPP-SB01 (8-9)	250718502
NPP-SB02 (3-4)	250718503
NPP-SB02 (8-9)	250718504
NPP-SB03 (1.5-2.5)	250718507
NPP-SB03 (7-8)	250718508
NPP-SB04 (6-7)	250718509
NPP-SB05 (5-6)	250718510
NPP-SB06 (3.5-4.5)	250718511
NPP-SB06 (9-10)	250718512
NPP-SB07 (3-4)	250718513

Were ICP interelement corrections applied?	Yes/No	Yes
Were ICP background corrections applied?	Yes/No	Yes
If yes - were raw data generated before application of background corrections?	Yes/No	No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718501

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 85.3 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	11900			P
7440-36-0	Antimony	0.226	U		P
7440-38-2	Arsenic	2.68			P
7440-39-3	Barium	19.9			P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.107	B		P
7440-70-2	Calcium	49.2			P
7440-47-3	Chromium	4.1			P
7440-48-4	Cobalt	0.0703	B		P
7440-50-8	Copper	1.24			P
7439-89-6	Iron	6910			P
7439-92-1	Lead	4.77			P
7439-95-4	Magnesium	113			P
7439-96-5	Manganese	2.46			P
7439-97-6	Mercury	0.0157			CV
7440-02-0	Nickel	0.359	B		P
7440-09-7	Potassium	186			P
7782-49-2	Selenium	0.545	B		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	16.4	B		P
7440-28-0	Thallium	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718501

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 85.3 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	9.99			P
7440-66-6	Zinc	0.9	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718502

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 79.2 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	11800			P
7440-36-0	Antimony	0.213	U		P
7440-38-2	Arsenic	1.42			P
7440-39-3	Barium	21.5			P
7440-41-7	Beryllium	0.148	U		P
7440-43-9	Cadmium	0.0504	B		P
7440-70-2	Calcium	199			P
7440-47-3	Chromium	1.74			P
7440-48-4	Cobalt	0.321	B		P
7440-50-8	Copper	0.906			P
7439-89-6	Iron	2750			P
7439-92-1	Lead	4.23			P
7439-95-4	Magnesium	139			P
7439-96-5	Manganese	6.74			P
7439-97-6	Mercury	0.00899	B		CV
7440-02-0	Nickel	0.6			P
7440-09-7	Potassium	189			P
7782-49-2	Selenium	0.464	U		P
7440-22-4	Silver	0.148	U		P
7440-23-5	Sodium	22.1	B		P
7440-28-0	Thallium	0.306	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB01 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718502

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 79.2 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	4.57			P
7440-66-6	Zinc	2.56			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718503

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 81.4 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	4990			P
7440-36-0	Antimony	0.232	U		P
7440-38-2	Arsenic	1.39			P
7440-39-3	Barium	17.3			P
7440-41-7	Beryllium	0.162	U		P
7440-43-9	Cadmium	0.0505	U		P
7440-70-2	Calcium	99			P
7440-47-3	Chromium	1.58			P
7440-48-4	Cobalt	0.135	B		P
7440-50-8	Copper	0.952			P
7439-89-6	Iron	3030			P
7439-92-1	Lead	2.92			P
7439-95-4	Magnesium	89			P
7439-96-5	Manganese	5			P
7439-97-6	Mercury	0.00192	U		CV
7440-02-0	Nickel	0.176	B		P
7440-09-7	Potassium	97.7			P
7782-49-2	Selenium	0.505	U		P
7440-22-4	Silver	0.162	U		P
7440-23-5	Sodium	21.2	B		P
7440-28-0	Thallium	0.333	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718503

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 81.4 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	3.77			P
7440-66-6	Zinc	0.392	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718504

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 87.6 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3860			P
7440-36-0	Antimony	0.237	U		P
7440-38-2	Arsenic	1.41			P
7440-39-3	Barium	27.3			P
7440-41-7	Beryllium	0.68			P
7440-43-9	Cadmium	0.0515	U		P
7440-70-2	Calcium	445			P
7440-47-3	Chromium	0.696			P
7440-48-4	Cobalt	14.7			P
7440-50-8	Copper	3			P
7439-89-6	Iron	6140			P
7439-92-1	Lead	4.5			P
7439-95-4	Magnesium	112			P
7439-96-5	Manganese	242			P
7439-97-6	Mercury	0.00225	U		CV
7440-02-0	Nickel	0.296	B		P
7440-09-7	Potassium	162			P
7782-49-2	Selenium	0.556	B		P
7440-22-4	Silver	0.165	U		P
7440-23-5	Sodium	23.8	B		P
7440-28-0	Thallium	0.34	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB02 (8-9)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718504

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 87.6 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	1.41			P
7440-66-6	Zinc	1.63			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (1.5-2.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718507

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 93.4 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3400			P
7440-36-0	Antimony	0.252	B		P
7440-38-2	Arsenic	1.27			P
7440-39-3	Barium	16.2			P
7440-41-7	Beryllium	0.137	U		P
7440-43-9	Cadmium	0.17	B		P
7440-70-2	Calcium	958			P
7440-47-3	Chromium	3.23			P
7440-48-4	Cobalt	2.74			P
7440-50-8	Copper	1.94			P
7439-89-6	Iron	4380			P
7439-92-1	Lead	2.55			P
7439-95-4	Magnesium	2720			P
7439-96-5	Manganese	53.5			P
7439-97-6	Mercury	0.0135	B		CV
7440-02-0	Nickel	9.48			P
7440-09-7	Potassium	147			P
7782-49-2	Selenium	0.428	U		P
7440-22-4	Silver	0.137	U		P
7440-23-5	Sodium	129			P
7440-28-0	Thallium	0.471	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (1.5-2.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718507

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 93.4 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	4.71			P
7440-66-6	Zinc	4.03			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (7-8)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718508

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 83.5 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	4500			P
7440-36-0	Antimony	0.225	U		P
7440-38-2	Arsenic	2.1			P
7440-39-3	Barium	12.2			P
7440-41-7	Beryllium	0.231	B		P
7440-43-9	Cadmium	0.149	B		P
7440-70-2	Calcium	348			P
7440-47-3	Chromium	2.16			P
7440-48-4	Cobalt	0.876			P
7440-50-8	Copper	2.42			P
7439-89-6	Iron	7390			P
7439-92-1	Lead	1.99			P
7439-95-4	Magnesium	108			P
7439-96-5	Manganese	19.3			P
7439-97-6	Mercury	0.00223	U		CV
7440-02-0	Nickel	0.517			P
7440-09-7	Potassium	230			P
7782-49-2	Selenium	1.28			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	73.1			P
7440-28-0	Thallium	0.323	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB03 (7-8)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718508

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 83.5 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	3.57			P
7440-66-6	Zinc	0.886	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB04 (6-7)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718509

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 80.5 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	10600			P
7440-36-0	Antimony	0.22	U		P
7440-38-2	Arsenic	3.91			P
7440-39-3	Barium	26.8			P
7440-41-7	Beryllium	0.934			P
7440-43-9	Cadmium	0.73			P
7440-70-2	Calcium	20			P
7440-47-3	Chromium	4.9			P
7440-48-4	Cobalt	1.94			P
7440-50-8	Copper	6.51			P
7439-89-6	Iron	33900			P
7439-92-1	Lead	1.3			P
7439-95-4	Magnesium	654			P
7439-96-5	Manganese	74.5			P
7439-97-6	Mercury	0.00549	B		CV
7440-02-0	Nickel	0.717			P
7440-09-7	Potassium	120			P
7782-49-2	Selenium	1.96			P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	46.3			P
7440-28-0	Thallium	0.315	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB04 (6-7)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718509

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 80.5 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	60.6			P
7440-66-6	Zinc	5.82			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB05 (5-6)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718510

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 84.4 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	6920			P
7440-36-0	Antimony	0.338	B		P
7440-38-2	Arsenic	4.04			P
7440-39-3	Barium	114			P
7440-41-7	Beryllium	1.01			P
7440-43-9	Cadmium	0.66			P
7440-70-2	Calcium	862			P
7440-47-3	Chromium	0.958			P
7440-48-4	Cobalt	10.3			P
7440-50-8	Copper	9.23			P
7439-89-6	Iron	26200			P
7439-92-1	Lead	0.321	U		P
7439-95-4	Magnesium	2590			P
7439-96-5	Manganese	186			P
7439-97-6	Mercury	0.00218	U		CV
7440-02-0	Nickel	1.07			P
7440-09-7	Potassium	56.6			P
7782-49-2	Selenium	0.545	B		P
7440-22-4	Silver	0.151	U		P
7440-23-5	Sodium	662			P
7440-28-0	Thallium	0.311	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB05 (5-6)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718510

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 84.4 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	17.2			P
7440-66-6	Zinc	17.3			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (3.5-4.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718511

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 92 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	4290			P
7440-36-0	Antimony	0.194	U		P
7440-38-2	Arsenic	1.66			P
7440-39-3	Barium	9.68			P
7440-41-7	Beryllium	0.135	U		P
7440-43-9	Cadmium	0.132	B		P
7440-70-2	Calcium	412			P
7440-47-3	Chromium	3.71			P
7440-48-4	Cobalt	0.214	B		P
7440-50-8	Copper	1.18			P
7439-89-6	Iron	5400			P
7439-92-1	Lead	1.97			P
7439-95-4	Magnesium	150			P
7439-96-5	Manganese	8.46			P
7439-97-6	Mercury	0.00987	B		CV
7440-02-0	Nickel	0.659			P
7440-09-7	Potassium	247			P
7782-49-2	Selenium	0.421	U		P
7440-22-4	Silver	0.135	U		P
7440-23-5	Sodium	44.4			P
7440-28-0	Thallium	0.278	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (3.5-4.5)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718511

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 92 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	10.7			P
7440-66-6	Zinc	2.07			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (9-10)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718512

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 79.2 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	11200			P
7440-36-0	Antimony	0.293	B		P
7440-38-2	Arsenic	1.18			P
7440-39-3	Barium	22.2			P
7440-41-7	Beryllium	0.137	U		P
7440-43-9	Cadmium	0.232	B		P
7440-70-2	Calcium	2320			P
7440-47-3	Chromium	4.23			P
7440-48-4	Cobalt	2.55			P
7440-50-8	Copper	4.43			P
7439-89-6	Iron	4440			P
7439-92-1	Lead	4.21			P
7439-95-4	Magnesium	1540			P
7439-96-5	Manganese	41			P
7439-97-6	Mercury	0.0139	B		CV
7440-02-0	Nickel	8.09			P
7440-09-7	Potassium	212			P
7782-49-2	Selenium	0.428	U		P
7440-22-4	Silver	0.137	U		P
7440-23-5	Sodium	419			P
7440-28-0	Thallium	0.282	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB06 (9-10)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718512

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 79.2 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	6.16			P
7440-66-6	Zinc	17			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB07 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718513

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 87.5 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	4930			P
7440-36-0	Antimony	0.465	B		P
7440-38-2	Arsenic	2.34			P
7440-39-3	Barium	15.9			P
7440-41-7	Beryllium	0.178	U		P
7440-43-9	Cadmium	0.0742	B		P
7440-70-2	Calcium	293			P
7440-47-3	Chromium	2.74			P
7440-48-4	Cobalt	0.356	B		P
7440-50-8	Copper	1.37			P
7439-89-6	Iron	3850			P
7439-92-1	Lead	1.97			P
7439-95-4	Magnesium	219			P
7439-96-5	Manganese	16.8			P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.984			P
7440-09-7	Potassium	111			P
7782-49-2	Selenium	0.556	U		P
7440-22-4	Silver	0.178	U		P
7440-23-5	Sodium	23	B		P
7440-28-0	Thallium	0.367	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB07 (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Lab Sample ID: 250718513

Level:(low/med) LOW Date Received: 7/13/2007

PercentSolids: 87.5 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	4.84			P
7440-66-6	Zinc	1.66			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

230707 1647

QC Summary

230707 1647

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5A

SPIKE SAMPLE RECOVERY

EPA Sample No.

NPP-SB02 MS (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 81.4

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit %R	Spiked Sample	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	11600		4990		4870	238.2	N	P
Antimony	75 - 125	21.3		0.232	U	48.7	43.7	N	P
Arsenic	75 - 125	50.1		1.39		48.7	102.9		P
Barium	75 - 125	172		17.3		146	117.8		P
Beryllium	75 - 125	52.7		0.162	U	48.7	108.2		P
Cadmium	75 - 125	49.3		0.0505	U	48.7	101.2		P
Calcium	75 - 125	5080		99		4870	104.3		P
Chromium	75 - 125	52.8		1.58		48.7	108.4		P
Cobalt	75 - 125	50.4		0.135	B	48.7	103.5		P
Copper	75 - 125	52.8		0.952		48.7	108.4		P
Iron	75 - 125	9040		3030		4870	185.6	N	P
Lead	75 - 125	54.9		2.92		48.7	112.7		P
Magnesium	75 - 125	4860		89		4870	99.8		P
Manganese	75 - 125	59.5		5		48.7	122.2		P
Mercury	75 - 125	0.261		0.00192	U	0.26	100.4		CV
Nickel	75 - 125	50.9		0.176	B	48.7	104.5		P
Potassium	75 - 125	4950		97.7		4870	101.6		P
Selenium	75 - 125	48.8		0.505	U	48.7	100.2		P
Silver	75 - 125	21.1		0.162	U	19.5	108.2		P
Sodium	75 - 125	4990		21.2	B	4870	102.5		P
Thallium	75 - 125	49.9		0.333	U	48.7	102.5		P
Vanadium	75 - 125	57.1		3.77		48.7	117.2		P
Zinc	75 - 125	51.5		0.392	B	48.7	105.7		P

Comments:

230707 1647

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5A

SPIKE SAMPLE RECOVERY

EPA Sample No.

NPP-SB02 MSD (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 81.4

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit %R	Spiked Sample	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	13900		4990		5800	239.7	N	P
Antimony	75 - 125	27.2		0.232	U	58	46.9	N	P
Arsenic	75 - 125	60		1.39		58	103.4		P
Barium	75 - 125	205		17.3		174	117.8		P
Beryllium	75 - 125	62		0.162	U	58	106.9		P
Cadmium	75 - 125	58.2		0.0505	U	58	100.3		P
Calcium	75 - 125	5760		99		5800	99.3		P
Chromium	75 - 125	61.5		1.58		58	106		P
Cobalt	75 - 125	59.5		0.135	B	58	102.6		P
Copper	75 - 125	62.1		0.952		58	107.1		P
Iron	75 - 125	10900		3030		5800	187.9	N	P
Lead	75 - 125	65		2.92		58	112.1		P
Magnesium	75 - 125	5630		89		5800	97.1		P
Manganese	75 - 125	63.6		5		58	109.7		P
Mercury	75 - 125	0.301		0.00192	U	0.295	102		CV
Nickel	75 - 125	59.9		0.176	B	58	103.3		P
Potassium	75 - 125	5740		97.7		5800	99		P
Selenium	75 - 125	57.6		0.505	U	58	99.3		P
Silver	75 - 125	25		0.162	U	23.2	107.8		P
Sodium	75 - 125	5810		21.2	B	5800	100.2		P
Thallium	75 - 125	58.5		0.333	U	58	100.9		P
Vanadium	75 - 125	68.9		3.77		58	118.8		P
Zinc	75 - 125	60.2		0.392	B	58	103.8		P

Comments:

230707 1647

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6

DUPLICATES

EPA Sample No.

245855LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	5150		5020		2.6		P
Antimony	20	53.6		51.9		3.2		P
Arsenic	20	52.8		50.5		4.5		P
Barium	20	160		155		3.2		P
Beryllium	20	55		53		3.7		P
Cadmium	20	51.3		49.7		3.2		P
Calcium	20	5110		4960		3.0		P
Chromium	20	53.8		51.8		3.8		P
Cobalt	20	52.7		50.7		3.9		P
Copper	20	52.9		51		3.7		P
Iron	20	5330		5190		2.7		P
Lead	20	54		52		3.8		P
Magnesium	20	5000		4880		2.4		P
Manganese	20	54.5		53		2.8		P
Nickel	20	52.8		51		3.5		P
Potassium	20	5090		4980		2.2		P
Selenium	20	51.2		50.1		2.2		P
Silver	20	22.2		21		5.6		P
Sodium	20	5190		5060		2.5		P
Thallium	20	52.4		50.1		4.5		P
Vanadium	20	55		52.8		4.1		P
Zinc	20	54		51.8		4.2		P

Comments:

230707 1647

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6

DUPLICATES

EPA Sample No.

245962LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.296		0.307		3.6		CV

Comments:

230707 1647

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6

DUPLICATES

EPA Sample No.

NPP-SB02 MSD (3-4)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 81.4 % Solids for Duplicate: 81.4

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	11600		13900		18.0		P
Antimony	20	21.3		27.2		24.3	*	P
Arsenic	20	50.1		60		18.0		P
Barium	20	172		205		17.5		P
Beryllium	20	52.7		62		16.2		P
Cadmium	20	49.3		58.2		16.6		P
Calcium	20	5080		5760		12.5		P
Chromium	20	52.8		61.5		15.2		P
Cobalt	20	50.4		59.5		16.6		P
Copper	20	52.8		62.1		16.2		P
Iron	20	9040		10900		18.7		P
Lead	20	54.9		65		16.8		P
Magnesium	20	4860		5630		14.7		P
Manganese	20	59.5		63.6		6.7		P
Mercury	20	0.261		0.301		14.2		CV
Nickel	20	50.9		59.9		16.2		P
Potassium	20	4950		5740		14.8		P
Selenium	20	48.8		57.6		16.5		P
Silver	20	21.1		25		16.9		P
Sodium	20	4990		5810		15.2		P
Thallium	20	49.9		58.5		15.9		P
Vanadium	20	57.1		68.9		18.7		P
Zinc	20	51.5		60.2		15.6		P

Comments:

230707 1647

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

245854LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	5150		80 - 120	103.0
Antimony				50	53.6		80 - 120	107.2
Arsenic				50	52.8		80 - 120	105.6
Barium				150	160		80 - 120	106.7
Beryllium				50	55		80 - 120	110.0
Cadmium				50	51.3		80 - 120	102.6
Calcium				5000	5110		80 - 120	102.2
Chromium				50	53.8		80 - 120	107.6
Cobalt				50	52.7		80 - 120	105.4
Copper				50	52.9		80 - 120	105.8
Iron				5000	5330		80 - 120	106.6
Lead				50	54		80 - 120	108.0
Magnesium				5000	5000		80 - 120	100.0
Manganese				50	54.5		80 - 120	109.0
Nickel				50	52.8		80 - 120	105.6
Potassium				5000	5090		80 - 120	101.8
Selenium				50	51.2		80 - 120	102.4
Silver				20	22.2		80 - 120	111.0
Sodium				5000	5190		80 - 120	103.8
Thallium				50	52.4		80 - 120	104.8
Vanadium				50	55		80 - 120	110.0
Zinc				50	54		80 - 120	108.0

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

245855LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	%R
Aluminum				5000	5020		80 - 120	100.4
Antimony				50	51.9		80 - 120	103.8
Arsenic				50	50.5		80 - 120	101.0
Barium				150	155		80 - 120	103.3
Beryllium				50	53		80 - 120	106.0
Cadmium				50	49.7		80 - 120	99.4
Calcium				5000	4960		80 - 120	99.2
Chromium				50	51.8		80 - 120	103.6
Cobalt				50	50.7		80 - 120	101.4
Copper				50	51		80 - 120	102.0
Iron				5000	5190		80 - 120	103.8
Lead				50	52		80 - 120	104.0
Magnesium				5000	4880		80 - 120	97.6
Manganese				50	53		80 - 120	106.0
Nickel				50	51		80 - 120	102.0
Potassium				5000	4980		80 - 120	99.6
Selenium				50	50.1		80 - 120	100.2
Silver				20	21		80 - 120	105.0
Sodium				5000	5060		80 - 120	101.2
Thallium				50	50.1		80 - 120	100.2
Vanadium				50	52.8		80 - 120	105.6
Zinc				50	51.8		80 - 120	103.6

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LABORATORY CONTROL SAMPLE

EPA Sample No.

245962LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.296		80	120	98.7

230707 1647

U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

EPA Sample No.

245962LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507185

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.307		80	120	102.3

230707 1647

Chain of Custody Documentation

230707 1647

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Chain of Custody Record
Record/Work Request

2507185 KC

Company: TN & A	Project Name/Number: NATIONAL PETROLEUM PACKERS 2005148 - 1089
Address: 1220 KENNESTONE CIR MARIETTA GA	Project Manager: L. VON OLDENBURG
Phone: 678-355 5550 Fax:	Purchase Order:
Print Names(s) / Affiliation: L. VON OLDENBURG	
Sampler(s) Signature(s):	

Page 1 of 2

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)				Analyses Requested: 8260	8270	METALS TAL	PCBS	REQUESTED DUE DATE / / Remarks	Lab. No.
1	NPP-SB01 (5-7)	7-11-7	10:15	G/C	SO	6	O	I	I	I	X	X	X	X		01
2	SB01 (8-9)	7-11-7	10:30			6										02
3	SB02 (3-4)	7-11-7	11:00			6										03
4	SB02 (8-9)	7-11-7	11:15			6										04
5	SB02 MS (3-4)	7-11-7	11:00			6										05
6	SB02 MSD (3-4)	7-11-7	11:00			6										06
7	SB03 (1.5-2.5)	7-11-7	11:50			6										07
8	SB03 (7-8)	7-11-7	12:15			6										08
9	NPP-SB04 (6-7)	7-11-7	12:30			6					X	X	X	X		09
Shipment Method						54	← Total Number of Containers									

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.							
Additional Comments:								
Rec'd @ 4.0								
FW VIALS								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507185

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Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507185 KC

Company: TNS ASSOC	Project Name/Number: NATIONAL PETROLEUM PACKERS 2005-148-1089	Page 2 of 2
Address: 1220 KENNESTONE CIR	Project Manager: L. VON OLDENBURG	DEP Form #: 62-770.900(2)
Phone: 678-355-5530 Fax:	Purchase Order:	Form Title: Chain of Custody Record
Print Names(s) / Affiliation: L. VON OLDENBURG		Effective Date: September 23, 1997
Sampler(s) Signature(s):		FDEP Facility No.
		Project Name:
		Sampling CompQAP No:
		Approval Date:

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)				Analyses Requested: 8260	8270	MTBE BTEX TPH	PCBS	REQUESTED DUE DATE / / Remarks	Lab. No.
							6	F	I	F						
10	NPP-SB05 (5-6)	7-11-7	13:15	G/C	SO	6					X	X	X	X		10
11	SB06 (3.5-4.5)	7-11-7	14:10	G/C	SO	6					X	X	X	X		11
12	SB06 (9-10)	7-11-7	15:00	G/C	SO	6					X	X	X	X		12
13	NPP SB07 (3-4)	7-11-7	11:00	G/C	SO	6					X	X	X	X		13
Shipment Method						24	← Total Number of Containers									

2507185

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		J. Ray PEL	07/10/07	1400			
Additional Comments:			L. VanOlden	7/11/7	1600	J. Ray PEL	07/13/07	1010
Rec'd 2400								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

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FedEx Express US Airbill

FedEx Tracking Number 8605 8942 3177

Form ID No. 0200

Recipient's Copy

1 From

Date 7-12-07

Sender's Name LVO Phone 678 355 5500

Company TN & Assoc. Inc

Address 1220 Lake Side Cir

Dept/Floor/Suite/Room

City Marietta State GA ZIP

2 Your Internal Billing Reference 111

3 To

Recipient's Name Phone 813 247 0805

Company PEL LAB

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept/Floor/Suite/Room

Address 4420 Pendola Point Rd

To request a package be held at a specific FedEx location, print FedEx address here.

City Tampa State FL ZIP 33619

8605 8942 3177

4a Express Package Service — *Packages up to 150 lbs.*

- ☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☒ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- ☐ FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- ☐ FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- ☐ FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ____ ** To most locations.

5 Packaging

- ☐ FedEx Envelope*
- ☐ FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- ☐ FedEx Box
- ☐ FedEx Tube
- ☒ Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- ☐ SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- ☐ HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- ☐ HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- ☒ No
- ☐ Yes — As per attached Shipper's Declaration.
- ☐ Yes — Shipper's Declaration not required.
- ☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

☐ Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- ☒ Sender — Acct. No. in Section 1 will be billed.
- ☐ Recipient
- ☐ Third Party
- ☐ Credit Card
- ☐ Cash/Check

Obtain Recip. Acct. No. ☐

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	46	$ .00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- ☒ No Signature Required — Package may be left without obtaining a signature for delivery.
- ☐ Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- ☐ Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

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Rev. Date 8/05•Part #158280•©1994–2005 FedEx•PRINTED IN U.S.A. SRF

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2

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

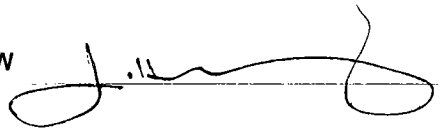
SDG:	2507185	**Req:**	83511
Client:	TN&A	**Project:**	National Petroleum Packers
Level:	2	**Date Rec'd:**	7/13/07 10:10:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	08/03/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW 

Client: TN&A

WONo: 2507185 **Profile Name:** Nat'l Petro. **Profile #:** 83511

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 13	Dry Weight	Dry Weight			7/16	10:00
01 - 13	Dry Weight	Dry Weight			7/16	12:00
01 - 13	7470	Mercury		BMD	71607	1000
01 - 13	7470	Mercury	N/A			
01 - 13	6010	Metals		BMD	71607	1000
01 - 13	6010	Metals	N/A			
01 - 13	8260	Volatile Organic Compounds		MS	7/16/07	9:00
01 - 13	8260	Volatile Organic Compounds		consuming		
01 - 13	8270	GCMS semivolatile			7/19/07	8:38
01 - 13	8270	GCMS semivolatile			7/19/07	15:07
01 - 13	8082	PCB		EC	7/18/07	1130
01 - 13	8082	PCB	EC		7/18/07	1600

Additional:

01-13	8270		EC	7/23/07	800
01-13	8270	EC		7/23/07	1445

Comments:

Addendum

230707 1647

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 7/13/2007 10:10:00 AM

Date to be Reported: 7/27/2007

Laboratory Submission Number/SDG: 2507185

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507185

Project: National Petroleum Packers

Samples: The submission consisted of 13 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

For method 8260, the PW vials received for the samples cannot be used (greater than 5g in vials), therefore, PEL will report low modified from soil jars. Client notified.

Notes:

15-day TAT.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level 2

Total of: 65 analyses on 13 samples (including QC) *16-Jul-07*

Report/SDG #: 2507185

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB01	250718501		SO	7/11/2007 10:15:00 AM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB01 (8-9)	250718502		SO	7/11/2007 10:30:00 AM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB02 (3-4)	250718503		SO	7/11/2007 11:00:00 AM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507185

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB02 (8-9)	250718504		SO	7/11/2007 11:15:00 AM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB02 MS (3-4)	250718505		SQ	7/11/2007 11:00:00 AM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB02 MSD (3-4)	250718506		SQ	7/11/2007 11:00:00 AM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507185

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB03 (1.5-2.5)	250718507		SO	7/11/2007 11:50:00 AM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB03 (7-8)	250718508		SO	7/11/2007 12:15:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB04 (6-7)	250718509		SO	7/11/2007 12:30:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507185

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB05 (5-6)	250718510		SO	7/11/2007 1:15:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB06 (3.5-4.5)	250718511		SO	7/11/2007 2:10:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB06 (9-10)	250718512		SO	7/11/2007 3:00:00 PM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507185

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB07 (3-4)	250718513		SO	7/11/2007 11:00:00 AM	7/13/2007 10:10:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Mark Gudnason

From: Russell Henderson [RHenderson@tnainc.com]
Sent: Monday, July 23, 2007 3:15 PM
To: Mark Gudnason
Subject: RE: National Petroleum / 2507185

Go ahead an report these.

From: Mark Gudnason [mailto:mgudnason@PELAB.com]
Sent: Monday, July 23, 2007 2:55 PM
To: Russell Henderson
Subject: National Petroleum / 2507185

Good afternoon.

Darcy is on vacation this week.

Please note regarding the 8270 analysis:
Although the LCS failed low, a client requested MS/MSD met almost all criteria and all samples passed surrogate recoveries. I have attached the summary forms for you review.

Please advise.

Mark Gudnason
Project Manager
PEL Laboratories, Inc.
phone: 813-247-2805 ext. 242
fax: 813-248-1537
email: mgudnason@pelab.com
Visit our website at www.pelab.com

This e-mail is intended for the named addressee(s) and may contain information that is confidential and proprietary. If this information is received by anyone other than the named addressee(s), the recipient(s) should immediately notify the sender by e-mail and promptly delete the transmitted material. In no event shall this material be read, used, stored, or retained by anyone other than the named addressee(s) without the express written consent of the sender or the named addressee(s).

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	7/13/2007 10:10:00 AM
Date Reported:	7/23/2007
Laboratory Submission Number/SDG:	2507185
Project:	National Petroleum Packers

Samples: The submission consisted of 13 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/25/2007 9:30:00 AM
Date Reported:	9/6/2007
Laboratory Submission Number/SDG:	2507447
Project:	National Petroleum Packers

Samples: The submission consisted of 7 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

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EXECUTIVE SUMMARY - Detection Highlights

2507447

SAMPLE ID: NPP-T-1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Potassium	7590	47.5	MG/KG	SW6010B
Mercury	0.0528	0.0196	MG/KG	SW7470A
1,2,4-Trimethylbenzene	842 J	1120	UG/KG	SW8260B
1,2-Dichlorobenzene	339 J	1120	UG/KG	SW8260B
Acetone	5000 J	5620	UG/KG	SW8260B
Naphthalene	1400	1120	UG/KG	SW8260B
n-Butylbenzene	389 J	1120	UG/KG	SW8260B
p,m-Xylene	1260 J	2250	UG/KG	SW8260B
Phenol	454000 J	1870000	UG/KG	SW8270C

SAMPLE ID: NPP-T-19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Potassium	2850	49.9	MG/KG	SW6010B
1,2-Dichlorobenzene	173 J	513	UG/KG	SW8260B
Isopropylbenzene (Cume	181 J	513	UG/KG	SW8260B
Naphthalene	655	513	UG/KG	SW8260B

SAMPLE ID: NPP-T-19DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	606	4.99	MG/KG	SW6010B

SAMPLE ID: NPP-T-19R1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Arsenic	22.1	0.998	MG/KG	SW6010B
Calcium	3.58 B	9.98	MG/KG	SW6010B
Chromium	0.214 B	0.499	MG/KG	SW6010B
Cobalt	0.319 B	0.499	MG/KG	SW6010B
Nickel	1.15	0.499	MG/KG	SW6010B
Selenium	1.98	0.998	MG/KG	SW6010B

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Sodium	10900	29.9	MG/KG	SW6010B

SAMPLE ID: NPP-T-1DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	36100	142	MG/KG	SW6010B

SAMPLE ID: NPP-T-1R1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	50.6	9.5	MG/KG	SW6010B
Antimony	29.9	0.95	MG/KG	SW6010B
Barium	8.76	0.475	MG/KG	SW6010B
Cadmium	0.0913 B	0.475	MG/KG	SW6010B
Calcium	347	9.5	MG/KG	SW6010B
Chromium	2.11	0.475	MG/KG	SW6010B
Cobalt	0.362 B	0.475	MG/KG	SW6010B
Copper	15.3	0.475	MG/KG	SW6010B
Iron	421	4.75	MG/KG	SW6010B
Lead	3.71	0.646	MG/KG	SW6010B
Magnesium	87.4	9.5	MG/KG	SW6010B
Manganese	6.96	0.475	MG/KG	SW6010B
Nickel	2.28	0.475	MG/KG	SW6010B
Selenium	1.93	0.95	MG/KG	SW6010B
Vanadium	0.707	0.475	MG/KG	SW6010B
Zinc	40.7	0.95	MG/KG	SW6010B

SAMPLE ID: NPP-T-2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Potassium	945	50	MG/KG	SW6010B
Mercury	0.0216	0.0192	MG/KG	SW7470A
1,2,4-Trimethylbenzene	1800	440	UG/KG	SW8260B
1,3,5-Trimethylbenzene	366 J	440	UG/KG	SW8260B
2-Butanone	1990 J	2200	UG/KG	SW8260B
4-Isopropyltoluene	215 J	440	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

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4-Methyl-2-pentanone	534 J	881	UG/KG	SW8260B
Acetone	4250	2200	UG/KG	SW8260B
Ethylbenzene	218 J	440	UG/KG	SW8260B
Isopropylbenzene (Cume	556	440	UG/KG	SW8260B
Methylene chloride	330 J	1100	UG/KG	SW8260B
Naphthalene	10400	440	UG/KG	SW8260B
n-Butylbenzene	550	440	UG/KG	SW8260B
n-Propylbenzene	167 J	440	UG/KG	SW8260B
o-Xylene	448	440	UG/KG	SW8260B
p,m-Xylene	2740	881	UG/KG	SW8260B
Toluene	479	440	UG/KG	SW8260B
Phenol	407000 J	1840000	UG/KG	SW8270C

SAMPLE ID: NPP-T-21

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Potassium	4800	48.4	MG/KG	SW6010B
Isopropylbenzene (Cume	170 J	629	UG/KG	SW8260B
Naphthalene	494 J	629	UG/KG	SW8260B
Phenol	211000 J	1790000	UG/KG	SW8270C

SAMPLE ID: NPP-T-21DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	704	4.84	MG/KG	SW6010B
Sodium	25700	145	MG/KG	SW6010B

SAMPLE ID: NPP-T-21R1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Arsenic	9.55	0.969	MG/KG	SW6010B
Barium	0.314 B	0.484	MG/KG	SW6010B
Cadmium	0.0511 B	0.484	MG/KG	SW6010B
Calcium	328	9.69	MG/KG	SW6010B
Chromium	0.663	0.484	MG/KG	SW6010B
Cobalt	0.829	0.484	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Iron	474	4.84	MG/KG	SW6010B
Magnesium	38.3	9.69	MG/KG	SW6010B
Manganese	3.17	0.484	MG/KG	SW6010B
Nickel	0.389 B	0.484	MG/KG	SW6010B
Selenium	2.11	0.969	MG/KG	SW6010B
Vanadium	0.164 B	0.484	MG/KG	SW6010B
Zinc	2.1	0.969	MG/KG	SW6010B

SAMPLE ID: NPP-T-22

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Potassium	8920	48.8	MG/KG	SW6010B
Naphthalene	214 J	571	UG/KG	SW8260B
Phenol	289000 J	1820000	UG/KG	SW8270C

SAMPLE ID: NPP-T-22DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	649	4.88	MG/KG	SW6010B
Sodium	32700	146	MG/KG	SW6010B

SAMPLE ID: NPP-T-22R1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	13	9.76	MG/KG	SW6010B
Arsenic	12.8	0.976	MG/KG	SW6010B
Barium	1.8	0.488	MG/KG	SW6010B
Cadmium	0.0774 B	0.488	MG/KG	SW6010B
Calcium	644	9.76	MG/KG	SW6010B
Chromium	1.61	0.488	MG/KG	SW6010B
Cobalt	0.296 B	0.488	MG/KG	SW6010B
Copper	1.65	0.488	MG/KG	SW6010B
Iron	418	4.88	MG/KG	SW6010B
Magnesium	71.2	9.76	MG/KG	SW6010B
Manganese	5.01	0.488	MG/KG	SW6010B
Nickel	0.771	0.488	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Selenium	2.25	0.976	MG/KG	SW6010B
Vanadium	0.188 B	0.488	MG/KG	SW6010B
Zinc	9.56	0.976	MG/KG	SW6010B

SAMPLE ID: NPP-T-23

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Potassium	168	49.1	MG/KG	SW6010B
Phenol	79300 J	1850000	UG/KG	SW8270C

SAMPLE ID: NPP-T-23R1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	7.13	0.982	MG/KG	SW6010B
Barium	0.296 B	0.491	MG/KG	SW6010B
Calcium	4.17 B	9.82	MG/KG	SW6010B
Chromium	0.28 B	0.491	MG/KG	SW6010B
Iron	63.8	4.91	MG/KG	SW6010B
Selenium	2.82	0.982	MG/KG	SW6010B
Sodium	22400	29.5	MG/KG	SW6010B
Vanadium	0.27 B	0.491	MG/KG	SW6010B

SAMPLE ID: NPP-T-27

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Potassium	816	48.6	MG/KG	SW6010B
1,2,4-Trichlorobenzene	332 J	556	UG/KG	SW8260B
1,2-Dichlorobenzene	776	556	UG/KG	SW8260B
2-Butanone	1920 J	2780	UG/KG	SW8260B
4-Isopropyltoluene	118 J	556	UG/KG	SW8260B
Acetone	13800	2780	UG/KG	SW8260B
Naphthalene	2390	556	UG/KG	SW8260B
4-Methylphenol	69900 J	354000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPP-T-27R1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	3.33 B	9.73	MG/KG	SW6010B
Antimony	16.6	0.973	MG/KG	SW6010B
Arsenic	0.92 B	0.973	MG/KG	SW6010B
Cadmium	0.0526 B	0.486	MG/KG	SW6010B
Calcium	58.5	9.73	MG/KG	SW6010B
Chromium	4.76	0.486	MG/KG	SW6010B
Copper	274	0.486	MG/KG	SW6010B
Iron	10800	4.86	MG/KG	SW6010B
Lead	38.4	0.661	MG/KG	SW6010B
Magnesium	12.2	9.73	MG/KG	SW6010B
Manganese	64.4	0.486	MG/KG	SW6010B
Nickel	10.4	0.486	MG/KG	SW6010B
Selenium	1.77	0.973	MG/KG	SW6010B
Sodium	17000	29.2	MG/KG	SW6010B
Zinc	121	0.973	MG/KG	SW6010B

SAMPLE ID: NPP-T-2DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	574	5	MG/KG	SW6010B

SAMPLE ID: NPP-T-2R1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	49.6	10	MG/KG	SW6010B
Arsenic	9.2	1	MG/KG	SW6010B
Barium	4.39	0.5	MG/KG	SW6010B
Calcium	521	10	MG/KG	SW6010B
Chromium	3.57	0.5	MG/KG	SW6010B
Cobalt	1.8	0.5	MG/KG	SW6010B
Copper	17.3	0.5	MG/KG	SW6010B
Iron	1690	5	MG/KG	SW6010B
Lead	2.13	0.68	MG/KG	SW6010B
Magnesium	146	10	MG/KG	SW6010B
Manganese	35.3	0.5	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507447

Nickel	2.51	0.5	MG/KG	SW6010B
Selenium	1.46	1	MG/KG	SW6010B
Sodium	11600	30	MG/KG	SW6010B
Vanadium	0.216 B	0.5	MG/KG	SW6010B
Zinc	23.1	1	MG/KG	SW6010B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507447

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507447

Client: T N & Associates, Inc.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 08/29/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Method: 8260

EPA Sample No	Lab Sample ID
NPP-T-1	250744701
NPP-T-2	250744702
NPP-T-21	250744703
NPP-T-22	250744704
NPP-T-23	250744705
NPP-T-27	250744706
NPP-T-19	250744707

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701 Lab File ID: 44701.D

Sample wt/vol: 0.89 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1245

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1120	U
74-87-3	Chloromethane	1120	U
75-01-4	Vinyl chloride	1120	U
74-83-9	Bromomethane	1120	U
75-00-3	Chloroethane	2810	U
75-69-4	Trichlorofluoromethane	1120	U
75-35-4	1,1-Dichloroethene	1120	U
107-02-8	Acrolein	14000	U
74-88-4	Methyl iodide	1120	U
75-15-0	Carbon disulfide	1120	U
75-09-2	Methylene chloride	2810	U
156-60-5	trans-1,2-Dichloroethene	1120	U
107-13-1	Acrylonitrile	2810	U
75-34-3	1,1-Dichloroethane	1120	U
67-64-1	Acetone	5000	J
594-20-7	2,2-Dichloropropane	1120	U
156-59-2	cis-1,2-Dichloroethene	1120	U
74-97-5	Bromochloromethane	1120	U
78-93-3	2-Butanone	5620	U
67-66-3	Chloroform	1120	U
71-55-6	1,1,1-Trichloroethane	1120	U
56-23-5	Carbon tetrachloride	1120	U
563-58-6	1,1-Dichloropropene	1120	U
71-43-2	Benzene	1120	U
107-06-2	1,2-Dichloroethane	1120	U
79-01-6	Trichloroethene	1120	U
108-05-4	Vinyl acetate	2250	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701 Lab File ID: 44701.D

Sample wt/vol: 0.89 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1245

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1120	U
74-95-3	Dibromomethane	1120	U
75-27-4	Bromodichloromethane	1120	U
10061-01-5	cis-1,3-Dichloropropene	1120	U
108-10-1	4-Methyl-2-pentanone	2250	U
108-88-3	Toluene	1120	U
10061-02-6	trans-1,3-Dichloropropene	1120	U
79-00-5	1,1,2-Trichloroethane	1120	U
127-18-4	Tetrachloroethene	2810	U
142-28-9	1,3-Dichloropropane	1120	U
591-78-6	2-Hexanone	2250	U
124-48-1	Dibromochloromethane	1120	U
106-93-4	1,2-Dibromoethane(EDB)	1120	U
108-90-7	Chlorobenzene	1120	U
630-20-6	1,1,1,2-Tetrachloroethane	1120	U
100-41-4	Ethylbenzene	1120	U
511-39-00	p,m-Xylene	1260	J
95-47-6	o-Xylene	1120	U
100-42-5	Styrene	1120	U
75-25-2	Bromoform	2810	U
98-82-8	Isopropylbenzene (Cumene)	1120	U
108-86-1	Bromobenzene	1120	U
79-34-5	1,1,2,2-Tetrachloroethane	1120	U
96-18-4	1,2,3-Trichloropropane	1120	U
103-65-1	n-Propylbenzene	1120	U
95-49-8	2-Chlorotoluene	1120	U
106-43-4	4-Chlorotoluene	1120	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701 Lab File ID: 44701.D

Sample wt/vol: 0.89 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1245

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1120	U
98-06-6	tert-Butylbenzene	1120	U
95-63-6	1,2,4-Trimethylbenzene	842	J
135-98-8	sec-Butylbenzene	1120	U
541-73-1	1,3-Dichlorobenzene	1120	U
106-46-7	1,4-Dichlorobenzene	1120	U
99-87-6	4-Isopropyltoluene	1120	U
104-51-8	n-Butylbenzene	389	J
95-50-1	1,2-Dichlorobenzene	339	J
96-12-8	1,2-Dibromo-3-chloropropane	5620	U
120-82-1	1,2,4-Trichlorobenzene	1120	U
87-68-3	Hexachlorobutadiene	1680	U
91-20-3	Naphthalene	1400	
87-61-6	1,2,3-Trichlorobenzene	1120	U
1634-04-4	MTBE	1120	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702 Lab File ID: 44702.D

Sample wt/vol: 2.27 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1218

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	440	U
74-87-3	Chloromethane	440	U
75-01-4	Vinyl chloride	440	U
74-83-9	Bromomethane	440	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	440	U
75-35-4	1,1-Dichloroethene	440	U
107-02-8	Acrolein	5510	U
74-88-4	Methyl iodide	440	U
75-15-0	Carbon disulfide	440	U
75-09-2	Methylene chloride	330	J
156-60-5	trans-1,2-Dichloroethene	440	U
107-13-1	Acrylonitrile	1100	U
75-34-3	1,1-Dichloroethane	440	U
67-64-1	Acetone	4250	
594-20-7	2,2-Dichloropropane	440	U
156-59-2	cis-1,2-Dichloroethene	440	U
74-97-5	Bromochloromethane	440	U
78-93-3	2-Butanone	1990	J
67-66-3	Chloroform	440	U
71-55-6	1,1,1-Trichloroethane	440	U
56-23-5	Carbon tetrachloride	440	U
563-58-6	1,1-Dichloropropene	440	U
71-43-2	Benzene	440	U
107-06-2	1,2-Dichloroethane	440	U
79-01-6	Trichloroethene	440	U
108-05-4	Vinyl acetate	881	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702 Lab File ID: 44702.D

Sample wt/vol: 2.27 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1218

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	440	U
74-95-3	Dibromomethane	440	U
75-27-4	Bromodichloromethane	440	U
10061-01-5	cis-1,3-Dichloropropene	440	U
108-10-1	4-Methyl-2-pentanone	534	J
108-88-3	Toluene	479	
10061-02-6	trans-1,3-Dichloropropene	440	U
79-00-5	1,1,2-Trichloroethane	440	U
127-18-4	Tetrachloroethene	1100	U
142-28-9	1,3-Dichloropropane	440	U
591-78-6	2-Hexanone	881	U
124-48-1	Dibromochloromethane	440	U
106-93-4	1,2-Dibromoethane(EDB)	440	U
108-90-7	Chlorobenzene	440	U
630-20-6	1,1,1,2-Tetrachloroethane	440	U
100-41-4	Ethylbenzene	218	J
511-39-00	p,m-Xylene	2740	
95-47-6	o-Xylene	448	
100-42-5	Styrene	440	U
75-25-2	Bromoform	1100	U
98-82-8	Isopropylbenzene (Cumene)	556	
108-86-1	Bromobenzene	440	U
79-34-5	1,1,2,2-Tetrachloroethane	440	U
96-18-4	1,2,3-Trichloropropane	440	U
103-65-1	n-Propylbenzene	167	J
95-49-8	2-Chlorotoluene	440	U
106-43-4	4-Chlorotoluene	440	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702 Lab File ID: 44702.D

Sample wt/vol: 2.27 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1218

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	366	J
98-06-6	tert-Butylbenzene	440	U
95-63-6	1,2,4-Trimethylbenzene	1800	
135-98-8	sec-Butylbenzene	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
99-87-6	4-Isopropyltoluene	215	J
104-51-8	n-Butylbenzene	550	
95-50-1	1,2-Dichlorobenzene	440	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	440	U
87-68-3	Hexachlorobutadiene	661	U
91-20-3	Naphthalene	10400	
87-61-6	1,2,3-Trichlorobenzene	440	U
1634-04-4	MTBE	440	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703 Lab File ID: 44703.D

Sample wt/vol: 1.59 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1151

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	629	U
74-87-3	Chloromethane	629	U
75-01-4	Vinyl chloride	629	U
74-83-9	Bromomethane	629	U
75-00-3	Chloroethane	1570	U
75-69-4	Trichlorofluoromethane	629	U
75-35-4	1,1-Dichloroethene	629	U
107-02-8	Acrolein	7860	U
74-88-4	Methyl iodide	629	U
75-15-0	Carbon disulfide	629	U
75-09-2	Methylene chloride	1570	U
156-60-5	trans-1,2-Dichloroethene	629	U
107-13-1	Acrylonitrile	1570	U
75-34-3	1,1-Dichloroethane	629	U
67-64-1	Acetone	3140	U
594-20-7	2,2-Dichloropropane	629	U
156-59-2	cis-1,2-Dichloroethene	629	U
74-97-5	Bromochloromethane	629	U
78-93-3	2-Butanone	3140	U
67-66-3	Chloroform	629	U
71-55-6	1,1,1-Trichloroethane	629	U
56-23-5	Carbon tetrachloride	629	U
563-58-6	1,1-Dichloropropene	629	U
71-43-2	Benzene	629	U
107-06-2	1,2-Dichloroethane	629	U
79-01-6	Trichloroethene	629	U
108-05-4	Vinyl acetate	1260	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703 Lab File ID: 44703.D

Sample wt/vol: 1.59 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1151

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	629	U
74-95-3	Dibromomethane	629	U
75-27-4	Bromodichloromethane	629	U
10061-01-5	cis-1,3-Dichloropropene	629	U
108-10-1	4-Methyl-2-pentanone	1260	U
108-88-3	Toluene	629	U
10061-02-6	trans-1,3-Dichloropropene	629	U
79-00-5	1,1,2-Trichloroethane	629	U
127-18-4	Tetrachloroethene	1570	U
142-28-9	1,3-Dichloropropane	629	U
591-78-6	2-Hexanone	1260	U
124-48-1	Dibromochloromethane	629	U
106-93-4	1,2-Dibromoethane(EDB)	629	U
108-90-7	Chlorobenzene	629	U
630-20-6	1,1,1,2-Tetrachloroethane	629	U
100-41-4	Ethylbenzene	629	U
511-39-00	p,m-Xylene	1260	U
95-47-6	o-Xylene	629	U
100-42-5	Styrene	629	U
75-25-2	Bromoform	1570	U
98-82-8	Isopropylbenzene (Cumene)	170	J
108-86-1	Bromobenzene	629	U
79-34-5	1,1,2,2-Tetrachloroethane	629	U
96-18-4	1,2,3-Trichloropropane	629	U
103-65-1	n-Propylbenzene	629	U
95-49-8	2-Chlorotoluene	629	U
106-43-4	4-Chlorotoluene	629	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703 Lab File ID: 44703.D

Sample wt/vol: 1.59 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1151

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	629	U
98-06-6	tert-Butylbenzene	629	U
95-63-6	1,2,4-Trimethylbenzene	629	U
135-98-8	sec-Butylbenzene	629	U
541-73-1	1,3-Dichlorobenzene	629	U
106-46-7	1,4-Dichlorobenzene	629	U
99-87-6	4-Isopropyltoluene	629	U
104-51-8	n-Butylbenzene	629	U
95-50-1	1,2-Dichlorobenzene	629	U
96-12-8	1,2-Dibromo-3-chloropropane	3140	U
120-82-1	1,2,4-Trichlorobenzene	629	U
87-68-3	Hexachlorobutadiene	943	U
91-20-3	Naphthalene	494	J
87-61-6	1,2,3-Trichlorobenzene	629	U
1634-04-4	MTBE	629	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704 Lab File ID: 44704.D

Sample wt/vol: 1.75 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1124

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	571	U
74-87-3	Chloromethane	571	U
75-01-4	Vinyl chloride	571	U
74-83-9	Bromomethane	571	U
75-00-3	Chloroethane	1430	U
75-69-4	Trichlorofluoromethane	571	U
75-35-4	1,1-Dichloroethene	571	U
107-02-8	Acrolein	7140	U
74-88-4	Methyl iodide	571	U
75-15-0	Carbon disulfide	571	U
75-09-2	Methylene chloride	1430	U
156-60-5	trans-1,2-Dichloroethene	571	U
107-13-1	Acrylonitrile	1430	U
75-34-3	1,1-Dichloroethane	571	U
67-64-1	Acetone	2860	U
594-20-7	2,2-Dichloropropane	571	U
156-59-2	cis-1,2-Dichloroethene	571	U
74-97-5	Bromochloromethane	571	U
78-93-3	2-Butanone	2860	U
67-66-3	Chloroform	571	U
71-55-6	1,1,1-Trichloroethane	571	U
56-23-5	Carbon tetrachloride	571	U
563-58-6	1,1-Dichloropropene	571	U
71-43-2	Benzene	571	U
107-06-2	1,2-Dichloroethane	571	U
79-01-6	Trichloroethene	571	U
108-05-4	Vinyl acetate	1140	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704 Lab File ID: 44704.D

Sample wt/vol: 1.75 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1124

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	571	U
74-95-3	Dibromomethane	571	U
75-27-4	Bromodichloromethane	571	U
10061-01-5	cis-1,3-Dichloropropene	571	U
108-10-1	4-Methyl-2-pentanone	1140	U
108-88-3	Toluene	571	U
10061-02-6	trans-1,3-Dichloropropene	571	U
79-00-5	1,1,2-Trichloroethane	571	U
127-18-4	Tetrachloroethene	1430	U
142-28-9	1,3-Dichloropropane	571	U
591-78-6	2-Hexanone	1140	U
124-48-1	Dibromochloromethane	571	U
106-93-4	1,2-Dibromoethane(EDB)	571	U
108-90-7	Chlorobenzene	571	U
630-20-6	1,1,1,2-Tetrachloroethane	571	U
100-41-4	Ethylbenzene	571	U
511-39-00	p,m-Xylene	1140	U
95-47-6	o-Xylene	571	U
100-42-5	Styrene	571	U
75-25-2	Bromoform	1430	U
98-82-8	Isopropylbenzene (Cumene)	571	U
108-86-1	Bromobenzene	571	U
79-34-5	1,1,2,2-Tetrachloroethane	571	U
96-18-4	1,2,3-Trichloropropane	571	U
103-65-1	n-Propylbenzene	571	U
95-49-8	2-Chlorotoluene	571	U
106-43-4	4-Chlorotoluene	571	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704 Lab File ID: 44704.D

Sample wt/vol: 1.75 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1124

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	571	U
98-06-6	tert-Butylbenzene	571	U
95-63-6	1,2,4-Trimethylbenzene	571	U
135-98-8	sec-Butylbenzene	571	U
541-73-1	1,3-Dichlorobenzene	571	U
106-46-7	1,4-Dichlorobenzene	571	U
99-87-6	4-Isopropyltoluene	571	U
104-51-8	n-Butylbenzene	571	U
95-50-1	1,2-Dichlorobenzene	571	U
96-12-8	1,2-Dibromo-3-chloropropane	2860	U
120-82-1	1,2,4-Trichlorobenzene	571	U
87-68-3	Hexachlorobutadiene	857	U
91-20-3	Naphthalene	214	J
87-61-6	1,2,3-Trichlorobenzene	571	U
1634-04-4	MTBE	571	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705 Lab File ID: 44705.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1057

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	709	U
74-87-3	Chloromethane	709	U
75-01-4	Vinyl chloride	709	U
74-83-9	Bromomethane	709	U
75-00-3	Chloroethane	1770	U
75-69-4	Trichlorofluoromethane	709	U
75-35-4	1,1-Dichloroethene	709	U
107-02-8	Acrolein	8860	U
74-88-4	Methyl iodide	709	U
75-15-0	Carbon disulfide	709	U
75-09-2	Methylene chloride	1770	U
156-60-5	trans-1,2-Dichloroethene	709	U
107-13-1	Acrylonitrile	1770	U
75-34-3	1,1-Dichloroethane	709	U
67-64-1	Acetone	3550	U
594-20-7	2,2-Dichloropropane	709	U
156-59-2	cis-1,2-Dichloroethene	709	U
74-97-5	Bromochloromethane	709	U
78-93-3	2-Butanone	3550	U
67-66-3	Chloroform	709	U
71-55-6	1,1,1-Trichloroethane	709	U
56-23-5	Carbon tetrachloride	709	U
563-58-6	1,1-Dichloropropene	709	U
71-43-2	Benzene	709	U
107-06-2	1,2-Dichloroethane	709	U
79-01-6	Trichloroethene	709	U
108-05-4	Vinyl acetate	1420	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705 Lab File ID: 44705.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1057

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	709	U
74-95-3	Dibromomethane	709	U
75-27-4	Bromodichloromethane	709	U
10061-01-5	cis-1,3-Dichloropropene	709	U
108-10-1	4-Methyl-2-pentanone	1420	U
108-88-3	Toluene	709	U
10061-02-6	trans-1,3-Dichloropropene	709	U
79-00-5	1,1,2-Trichloroethane	709	U
127-18-4	Tetrachloroethene	1770	U
142-28-9	1,3-Dichloropropane	709	U
591-78-6	2-Hexanone	1420	U
124-48-1	Dibromochloromethane	709	U
106-93-4	1,2-Dibromoethane(EDB)	709	U
108-90-7	Chlorobenzene	709	U
630-20-6	1,1,1,2-Tetrachloroethane	709	U
100-41-4	Ethylbenzene	709	U
511-39-00	p,m-Xylene	1420	U
95-47-6	o-Xylene	709	U
100-42-5	Styrene	709	U
75-25-2	Bromoform	1770	U
98-82-8	Isopropylbenzene (Cumene)	709	U
108-86-1	Bromobenzene	709	U
79-34-5	1,1,2,2-Tetrachloroethane	709	U
96-18-4	1,2,3-Trichloropropane	709	U
103-65-1	n-Propylbenzene	709	U
95-49-8	2-Chlorotoluene	709	U
106-43-4	4-Chlorotoluene	709	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705 Lab File ID: 44705.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1057

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	709	U
98-06-6	tert-Butylbenzene	709	U
95-63-6	1,2,4-Trimethylbenzene	709	U
135-98-8	sec-Butylbenzene	709	U
541-73-1	1,3-Dichlorobenzene	709	U
106-46-7	1,4-Dichlorobenzene	709	U
99-87-6	4-Isopropyltoluene	709	U
104-51-8	n-Butylbenzene	709	U
95-50-1	1,2-Dichlorobenzene	709	U
96-12-8	1,2-Dibromo-3-chloropropane	3550	U
120-82-1	1,2,4-Trichlorobenzene	709	U
87-68-3	Hexachlorobutadiene	1060	U
91-20-3	Naphthalene	709	U
87-61-6	1,2,3-Trichlorobenzene	709	U
1634-04-4	MTBE	709	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706 Lab File ID: 44706.D

Sample wt/vol: 1.8 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1030

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	556	U
74-87-3	Chloromethane	556	U
75-01-4	Vinyl chloride	556	U
74-83-9	Bromomethane	556	U
75-00-3	Chloroethane	1390	U
75-69-4	Trichlorofluoromethane	556	U
75-35-4	1,1-Dichloroethene	556	U
107-02-8	Acrolein	6940	U
74-88-4	Methyl iodide	556	U
75-15-0	Carbon disulfide	556	U
75-09-2	Methylene chloride	1390	U
156-60-5	trans-1,2-Dichloroethene	556	U
107-13-1	Acrylonitrile	1390	U
75-34-3	1,1-Dichloroethane	556	U
67-64-1	Acetone	13800	
594-20-7	2,2-Dichloropropane	556	U
156-59-2	cis-1,2-Dichloroethene	556	U
74-97-5	Bromochloromethane	556	U
78-93-3	2-Butanone	1920	J
67-66-3	Chloroform	556	U
71-55-6	1,1,1-Trichloroethane	556	U
56-23-5	Carbon tetrachloride	556	U
563-58-6	1,1-Dichloropropene	556	U
71-43-2	Benzene	556	U
107-06-2	1,2-Dichloroethane	556	U
79-01-6	Trichloroethene	556	U
108-05-4	Vinyl acetate	1110	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706 Lab File ID: 44706.D

Sample wt/vol: 1.8 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1030

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	556	U
74-95-3	Dibromomethane	556	U
75-27-4	Bromodichloromethane	556	U
10061-01-5	cis-1,3-Dichloropropene	556	U
108-10-1	4-Methyl-2-pentanone	1110	U
108-88-3	Toluene	556	U
10061-02-6	trans-1,3-Dichloropropene	556	U
79-00-5	1,1,2-Trichloroethane	556	U
127-18-4	Tetrachloroethene	1390	U
142-28-9	1,3-Dichloropropane	556	U
591-78-6	2-Hexanone	1110	U
124-48-1	Dibromochloromethane	556	U
106-93-4	1,2-Dibromoethane(EDB)	556	U
108-90-7	Chlorobenzene	556	U
630-20-6	1,1,1,2-Tetrachloroethane	556	U
100-41-4	Ethylbenzene	556	U
511-39-00	p,m-Xylene	1110	U
95-47-6	o-Xylene	556	U
100-42-5	Styrene	556	U
75-25-2	Bromoform	1390	U
98-82-8	Isopropylbenzene (Cumene)	556	U
108-86-1	Bromobenzene	556	U
79-34-5	1,1,2,2-Tetrachloroethane	556	U
96-18-4	1,2,3-Trichloropropane	556	U
103-65-1	n-Propylbenzene	556	U
95-49-8	2-Chlorotoluene	556	U
106-43-4	4-Chlorotoluene	556	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706 Lab File ID: 44706.D

Sample wt/vol: 1.8 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1030

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	556	U
98-06-6	tert-Butylbenzene	556	U
95-63-6	1,2,4-Trimethylbenzene	556	U
135-98-8	sec-Butylbenzene	556	U
541-73-1	1,3-Dichlorobenzene	556	U
106-46-7	1,4-Dichlorobenzene	556	U
99-87-6	4-Isopropyltoluene	118	J
104-51-8	n-Butylbenzene	556	U
95-50-1	1,2-Dichlorobenzene	776	
96-12-8	1,2-Dibromo-3-chloropropane	2780	U
120-82-1	1,2,4-Trichlorobenzene	332	J
87-68-3	Hexachlorobutadiene	833	U
91-20-3	Naphthalene	2390	
87-61-6	1,2,3-Trichlorobenzene	556	U
1634-04-4	MTBE	556	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-19

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707 Lab File ID: 44707.D

Sample wt/vol: 1.95 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1002

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	513	U
74-87-3	Chloromethane	513	U
75-01-4	Vinyl chloride	513	U
74-83-9	Bromomethane	513	U
75-00-3	Chloroethane	1280	U
75-69-4	Trichlorofluoromethane	513	U
75-35-4	1,1-Dichloroethene	513	U
107-02-8	Acrolein	6410	U
74-88-4	Methyl iodide	513	U
75-15-0	Carbon disulfide	513	U
75-09-2	Methylene chloride	1280	U
156-60-5	trans-1,2-Dichloroethene	513	U
107-13-1	Acrylonitrile	1280	U
75-34-3	1,1-Dichloroethane	513	U
67-64-1	Acetone	2560	U
594-20-7	2,2-Dichloropropane	513	U
156-59-2	cis-1,2-Dichloroethene	513	U
74-97-5	Bromochloromethane	513	U
78-93-3	2-Butanone	2560	U
67-66-3	Chloroform	513	U
71-55-6	1,1,1-Trichloroethane	513	U
56-23-5	Carbon tetrachloride	513	U
563-58-6	1,1-Dichloropropene	513	U
71-43-2	Benzene	513	U
107-06-2	1,2-Dichloroethane	513	U
79-01-6	Trichloroethene	513	U
108-05-4	Vinyl acetate	1020	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-19

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707 Lab File ID: 44707.D

Sample wt/vol: 1.95 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1002

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	513	U
74-95-3	Dibromomethane	513	U
75-27-4	Bromodichloromethane	513	U
10061-01-5	cis-1,3-Dichloropropene	513	U
108-10-1	4-Methyl-2-pentanone	1020	U
108-88-3	Toluene	513	U
10061-02-6	trans-1,3-Dichloropropene	513	U
79-00-5	1,1,2-Trichloroethane	513	U
127-18-4	Tetrachloroethene	1280	U
142-28-9	1,3-Dichloropropane	513	U
591-78-6	2-Hexanone	1020	U
124-48-1	Dibromochloromethane	513	U
106-93-4	1,2-Dibromoethane(EDB)	513	U
108-90-7	Chlorobenzene	513	U
630-20-6	1,1,1,2-Tetrachloroethane	513	U
100-41-4	Ethylbenzene	513	U
511-39-00	p,m-Xylene	1020	U
95-47-6	o-Xylene	513	U
100-42-5	Styrene	513	U
75-25-2	Bromoform	1280	U
98-82-8	Isopropylbenzene (Cumene)	181	J
108-86-1	Bromobenzene	513	U
79-34-5	1,1,2,2-Tetrachloroethane	513	U
96-18-4	1,2,3-Trichloropropane	513	U
103-65-1	n-Propylbenzene	513	U
95-49-8	2-Chlorotoluene	513	U
106-43-4	4-Chlorotoluene	513	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-19

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707 Lab File ID: 44707.D

Sample wt/vol: 1.95 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1002

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	513	U
98-06-6	tert-Butylbenzene	513	U
95-63-6	1,2,4-Trimethylbenzene	513	U
135-98-8	sec-Butylbenzene	513	U
541-73-1	1,3-Dichlorobenzene	513	U
106-46-7	1,4-Dichlorobenzene	513	U
99-87-6	4-Isopropyltoluene	513	U
104-51-8	n-Butylbenzene	513	U
95-50-1	1,2-Dichlorobenzene	173	J
96-12-8	1,2-Dibromo-3-chloropropane	2560	U
120-82-1	1,2,4-Trichlorobenzene	513	U
87-68-3	Hexachlorobutadiene	769	U
91-20-3	Naphthalene	655	
87-61-6	1,2,3-Trichlorobenzene	513	U
1634-04-4	MTBE	513	U

QC Summary

060907 1440

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082707BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 082707BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 0926

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082707BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 082707BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 0926

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082707BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 082707BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 0926

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082707LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1950	97.5		30.0	45 - 128
Chloromethane	2000	1720	86.0		30.0	70 - 130
Vinyl chloride	2000	1680	84.0		30.0	70 - 130
Bromomethane	2000	2220	111.0		30.0	39 - 148
Chloroethane	2000	2130	106.0		30.0	55 - 139
Trichlorofluoromethane	2000	2110	106.0		30.0	70 - 130
1,1-Dichloroethene	2000	1930	96.5		30.0	70 - 130
Acrolein	6000	6460	108.0		30.0	69 - 130
Methyl iodide	2000	2190	110.0		30.0	55 - 133
Carbon disulfide	2000	2160	108.0		30.0	65 - 130
Methylene chloride	2000	2020	101.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2020	101.0		30.0	70 - 130
Acrylonitrile	6000	6280	105.0		30.0	70 - 130
1,1-Dichloroethane	2000	1970	98.5		30.0	70 - 130
Acetone	6000	5620	93.7		30.0	58 - 133
2,2-Dichloropropane	2000	2250	112.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2020	101.0		30.0	70 - 130
Bromochloromethane	2000	2060	103.0		30.0	70 - 130
2-Butanone	6000	5800	96.7		30.0	70 - 130
Chloroform	2000	1930	96.5		30.0	70 - 130
1,1,1-Trichloroethane	2000	2020	101.0		30.0	70 - 130
Carbon tetrachloride	2000	2240	112.0		30.0	70 - 130
1,1-Dichloropropene	2000	1970	98.5		30.0	70 - 130
Benzene	2000	1970	98.5		30.0	70 - 130
1,2-Dichloroethane	2000	2000	100.0		30.0	70 - 130
Trichloroethene	2000	2110	106.0		30.0	70 - 130
Vinyl acetate	2000	2080	104.0		30.0	70 - 130
1,2-Dichloropropane	2000	2070	104.0		30.0	70 - 130
Dibromomethane	2000	1950	97.5		30.0	70 - 130
Bromodichloromethane	2000	1990	99.5		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2080	104.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6020	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 1440

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082707LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2080	104.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2100	105.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2040	102.0		30.0	70 - 130
Tetrachloroethene	2000	2070	104.0		30.0	70 - 130
1,3-Dichloropropane	2000	1950	97.5		30.0	70 - 130
2-Hexanone	6000	5980	99.7		30.0	70 - 130
Dibromochloromethane	2000	1840	92.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2020	101.0		30.0	70 - 130
Chlorobenzene	2000	1960	98.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1850	92.5		30.0	70 - 130
Ethylbenzene	2000	2100	105.0		30.0	70 - 130
p,m-Xylene	4000	3980	99.5		30.0	70 - 130
o-Xylene	2000	1900	95.0		30.0	70 - 130
Styrene	2000	1950	97.5		30.0	70 - 130
Bromoform	2000	1990	99.5		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1990	99.5		30.0	70 - 130
Bromobenzene	2000	2090	104.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1900	95.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	1840	92.0		30.0	70 - 130
n-Propylbenzene	2000	1940	97.0		30.0	70 - 130
2-Chlorotoluene	2000	1840	92.0		30.0	70 - 130
4-Chlorotoluene	2000	1950	97.5		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1920	96.0		30.0	70 - 130
tert-Butylbenzene	2000	2040	102.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1980	99.0		30.0	70 - 130
sec-Butylbenzene	2000	1980	99.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	1930	96.5		30.0	70 - 130
1,4-Dichlorobenzene	2000	1850	92.5		30.0	70 - 130
4-Isopropyltoluene	2000	1960	98.0		30.0	70 - 130
n-Butylbenzene	2000	1970	98.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	1880	94.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2040	102.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 1440

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

082707LCSA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1990	99.5		30.0	65 - 130
Hexachlorobutadiene	2000	2470	124.0		30.0	70 - 130
Naphthalene	2000	1950	97.5		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2050	102.0		30.0	70 - 130
MTBE	2000	2110	106.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 1440

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

060907 1440

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507447

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 2,6-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Nitrophenol, bis(2-ethylhexyl)phthalate, Di-n-octylphthalate.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507447

Client: T N & Associates, Inc.

The following samples had some surrogates that were diluted out: NPP-T-1 NPP-T-19 NPP-T-19MS NPP-T-2 NPP-T-21 NPP-T-22 NPP-T-23 NPP-T-27 see form 2 for details.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 351LCS was analyzed with the soil samples extracted on 08/27/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), and the following analyte(s) were recovered above criteria: 1,2-Dichlorobenzene at 99.8 % with criteria of (65-95). The following analyte(s) had marginal exceedance limit failures: 1,3-Dichlorobenzene at 106 % with criteria of (61.5-105.5), 2,4-Dinitrophenol at 0 % with criteria of (12.2-146.8).

Since all other analytes met criteria, no further action was taken.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
Sample NPP-T-1 required a 1:10 dilution due to the sample's viscosity and matrix interference.

Sample NPP-T-19 required a 1:10 dilution due to the sample's viscosity and matrix interference.

Sample NPP-T-2 required a 1:10 dilution due to the sample's viscosity and matrix interference.

Sample NPP-T-21 required a 1:10 dilution due to the sample's viscosity and matrix interference.
Sample NPP-T-22 required a 1:10 dilution due to the sample's viscosity and matrix interference.

Sample NPP-T-23 required a 1:10 dilution due to the sample's viscosity and matrix interference.

Sample NPP-T-27 required a 1:10 dilution due to the sample's viscosity and matrix interference.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507447

Client: T N & Associates, Inc.

All samples could only be brought to a final volume of 10mL. It was attempted to bring the extract to a final volume of 1mL, however due to the nature of the samples PEL was unable to achieve a lower volume than the 10mL final volume that is reported. The samples also required a 1:10 dilution for analysis due to the sample's viscosity and matrix interference.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/04/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Method: 8270

EPA Sample No	Lab Sample ID
NPP-T-1	250744701
NPP-T-2	250744702
NPP-T-21	250744703
NPP-T-22	250744704
NPP-T-23	250744705
NPP-T-27	250744706
NPP-T-19	250744707

060907 1440

Sample Data

060907 1440

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701 Lab File ID: 447-1D10.D

Sample wt/vol: 1.07 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1613

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	374000	U
62-53-3	Aniline	374000	U
111-44-4	Bis(2-Chloroethyl)ether	374000	U
108-95-2	Phenol	454000	J
95-57-8	2-Chlorophenol	374000	U
541-73-1	1,3-Dichlorobenzene	374000	U
106-46-7	1,4-Dichlorobenzene	374000	U
95-50-1	1,2-Dichlorobenzene	374000	U
100-51-6	Benzyl alcohol	935000	U
108-60-1	2,2-Oxybis(1-chloropropane)	378000	U
95-48-7	2-Methylphenol (o-Cresol)	374000	U
67-72-1	Hexachloroethane	378000	U
621-64-7	N-Nitroso-di-n-propylamine	374000	U
106-44-5	4-Methylphenol	374000	U
98-95-3	Nitrobenzene	374000	U
78-59-1	Isophorone	374000	U
88-75-5	2-Nitrophenol	374000	U
105-67-9	2,4-Dimethylphenol	374000	U
65-85-0	Benzoic acid	1870000	U
111-91-1	Bis(2-Chloroethoxy)methane	374000	U
120-83-2	2,4-Dichlorophenol	374000	U
120-82-1	1,2,4-Trichlorobenzene	374000	U
91-20-3	Naphthalene	374000	U
106-47-8	4-Chloroaniline	374000	U
91-57-6	2-Methylnaphthalene	374000	U
87-68-3	Hexachlorobutadiene	374000	U
59-50-7	4-Chloro-3-methylphenol	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701 Lab File ID: 447-1D10.D

Sample wt/vol: 1.07 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1613

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	374000	U
77-47-4	Hexachlorocyclopentadiene	935000	U
88-06-2	2,4,6-Trichlorophenol	374000	U
95-95-4	2,4,5-Trichlorophenol	374000	U
91-58-7	2-Chloronaphthalene	378000	U
88-74-4	2-Nitroaniline	374000	U
208-96-8	Acenaphthylene	374000	U
131-11-3	Dimethyl-phthalate	374000	U
606-20-2	2,6-Dinitrotoluene	374000	U
83-32-9	Acenaphthene	374000	U
99-09-2	3-Nitroaniline	374000	U
51-28-5	2,4-Dinitrophenol	1880000	U
132-64-9	Dibenzofuran	374000	U
121-14-2	2,4-Dinitrotoluene	374000	U
100-02-7	4-Nitrophenol	935000	U
86-73-7	Fluorene	374000	U
7005-72-3	4-Chlorophenyl-phenylether	374000	U
84-66-2	Diethylphthalate	374000	U
100-01-6	4-Nitroaniline	374000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1870000	U
86-30-6	N-Nitrosodiphenylamine	374000	U
101-55-3	4-Bromophenyl-phenylether	374000	U
118-74-1	Hexachlorobenzene	374000	U
87-86-5	Pentachlorophenol	1870000	U
85-01-8	Phenanthrene	374000	U
120-12-7	Anthracene	374000	U
84-74-2	Di-n-butylphthalate	374000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701 Lab File ID: 447-1D10.D

Sample wt/vol: 1.07 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1613

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	374000	U
129-00-0	Pyrene	374000	U
92-87-5	Benzidine	939000	U
85-68-7	Butylbenzylphthalate	374000	U
91-94-1	3,3'-Dichlorobenzidine	374000	U
56-55-3	Benzo(a)anthracene	374000	U
218-01-9	Chrysene	374000	U
117-81-7	bis(2-ethylhexyl)phthalate	374000	U
117-84-0	Di-n-octylphthalate	374000	U
205-99-2	Benzo(b)fluoranthene	374000	U
207-08-9	Benzo(k)fluoranthene	374000	U
50-32-8	Benzo(a)pyrene	374000	U
193-39-5	Indeno(1,2,3-cd)pyrene	374000	U
53-70-3	Dibenz(a,h)anthracene	374000	U
191-24-2	Benzo(g,h,i)perylene	374000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702 Lab File ID: 447-2D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1643

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	367000	U
62-53-3	Aniline	367000	U
111-44-4	Bis(2-Chloroethyl)ether	367000	U
108-95-2	Phenol	407000	J
95-57-8	2-Chlorophenol	367000	U
541-73-1	1,3-Dichlorobenzene	367000	U
106-46-7	1,4-Dichlorobenzene	367000	U
95-50-1	1,2-Dichlorobenzene	367000	U
100-51-6	Benzyl alcohol	918000	U
108-60-1	2,2-Oxybis(1-chloropropane)	372000	U
95-48-7	2-Methylphenol (o-Cresol)	367000	U
67-72-1	Hexachloroethane	372000	U
621-64-7	N-Nitroso-di-n-propylamine	367000	U
106-44-5	4-Methylphenol	367000	U
98-95-3	Nitrobenzene	367000	U
78-59-1	Isophorone	367000	U
88-75-5	2-Nitrophenol	367000	U
105-67-9	2,4-Dimethylphenol	367000	U
65-85-0	Benzoic acid	1840000	U
111-91-1	Bis(2-Chloroethoxy)methane	367000	U
120-83-2	2,4-Dichlorophenol	367000	U
120-82-1	1,2,4-Trichlorobenzene	367000	U
91-20-3	Naphthalene	367000	U
106-47-8	4-Chloroaniline	367000	U
91-57-6	2-Methylnaphthalene	367000	U
87-68-3	Hexachlorobutadiene	367000	U
59-50-7	4-Chloro-3-methylphenol	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702 Lab File ID: 447-2D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1643

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	367000	U
77-47-4	Hexachlorocyclopentadiene	918000	U
88-06-2	2,4,6-Trichlorophenol	367000	U
95-95-4	2,4,5-Trichlorophenol	367000	U
91-58-7	2-Chloronaphthalene	372000	U
88-74-4	2-Nitroaniline	367000	U
208-96-8	Acenaphthylene	367000	U
131-11-3	Dimethyl-phthalate	367000	U
606-20-2	2,6-Dinitrotoluene	367000	U
83-32-9	Acenaphthene	367000	U
99-09-2	3-Nitroaniline	367000	U
51-28-5	2,4-Dinitrophenol	1840000	U
132-64-9	Dibenzofuran	367000	U
121-14-2	2,4-Dinitrotoluene	367000	U
100-02-7	4-Nitrophenol	918000	U
86-73-7	Fluorene	367000	U
7005-72-3	4-Chlorophenyl-phenylether	367000	U
84-66-2	Diethylphthalate	367000	U
100-01-6	4-Nitroaniline	367000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1840000	U
86-30-6	N-Nitrosodiphenylamine	367000	U
101-55-3	4-Bromophenyl-phenylether	367000	U
118-74-1	Hexachlorobenzene	367000	U
87-86-5	Pentachlorophenol	1840000	U
85-01-8	Phenanthrene	367000	U
120-12-7	Anthracene	367000	U
84-74-2	Di-n-butylphthalate	367000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702 Lab File ID: 447-2D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1643

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	367000	U
129-00-0	Pyrene	367000	U
92-87-5	Benzidine	922000	U
85-68-7	Butylbenzylphthalate	367000	U
91-94-1	3,3'-Dichlorobenzidine	367000	U
56-55-3	Benzo(a)anthracene	367000	U
218-01-9	Chrysene	367000	U
117-81-7	bis(2-ethylhexyl)phthalate	367000	U
117-84-0	Di-n-octylphthalate	367000	U
205-99-2	Benzo(b)fluoranthene	367000	U
207-08-9	Benzo(k)fluoranthene	367000	U
50-32-8	Benzo(a)pyrene	367000	U
193-39-5	Indeno(1,2,3-cd)pyrene	367000	U
53-70-3	Dibenz(a,h)anthracene	367000	U
191-24-2	Benzo(g,h,i)perylene	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703 Lab File ID: 447-3D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1713

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	211000	J
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703 Lab File ID: 447-3D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1713

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	358000	U
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703 Lab File ID: 447-3D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1713

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704 Lab File ID: 447-4D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1742

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	289000	J
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704 Lab File ID: 447-4D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1742

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704 Lab File ID: 447-4D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1742

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705 Lab File ID: 447-5D10.D

Sample wt/vol: 1.08 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1812

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	371000	U
62-53-3	Aniline	371000	U
111-44-4	Bis(2-Chloroethyl)ether	371000	U
108-95-2	Phenol	79300	J
95-57-8	2-Chlorophenol	371000	U
541-73-1	1,3-Dichlorobenzene	371000	U
106-46-7	1,4-Dichlorobenzene	371000	U
95-50-1	1,2-Dichlorobenzene	371000	U
100-51-6	Benzyl alcohol	926000	U
108-60-1	2,2-Oxybis(1-chloropropane)	375000	U
95-48-7	2-Methylphenol (o-Cresol)	371000	U
67-72-1	Hexachloroethane	375000	U
621-64-7	N-Nitroso-di-n-propylamine	371000	U
106-44-5	4-Methylphenol	371000	U
98-95-3	Nitrobenzene	371000	U
78-59-1	Isophorone	371000	U
88-75-5	2-Nitrophenol	371000	U
105-67-9	2,4-Dimethylphenol	371000	U
65-85-0	Benzoic acid	1850000	U
111-91-1	Bis(2-Chloroethoxy)methane	371000	U
120-83-2	2,4-Dichlorophenol	371000	U
120-82-1	1,2,4-Trichlorobenzene	371000	U
91-20-3	Naphthalene	371000	U
106-47-8	4-Chloroaniline	371000	U
91-57-6	2-Methylnaphthalene	371000	U
87-68-3	Hexachlorobutadiene	371000	U
59-50-7	4-Chloro-3-methylphenol	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705 Lab File ID: 447-5D10.D

Sample wt/vol: 1.08 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1812

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	371000	U
77-47-4	Hexachlorocyclopentadiene	926000	U
88-06-2	2,4,6-Trichlorophenol	371000	U
95-95-4	2,4,5-Trichlorophenol	371000	U
91-58-7	2-Chloronaphthalene	375000	U
88-74-4	2-Nitroaniline	371000	U
208-96-8	Acenaphthylene	371000	U
131-11-3	Dimethyl-phthalate	371000	U
606-20-2	2,6-Dinitrotoluene	371000	U
83-32-9	Acenaphthene	371000	U
99-09-2	3-Nitroaniline	371000	U
51-28-5	2,4-Dinitrophenol	1860000	U
132-64-9	Dibenzofuran	371000	U
121-14-2	2,4-Dinitrotoluene	371000	U
100-02-7	4-Nitrophenol	926000	U
86-73-7	Fluorene	371000	U
7005-72-3	4-Chlorophenyl-phenylether	371000	U
84-66-2	Diethylphthalate	371000	U
100-01-6	4-Nitroaniline	371000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1850000	U
86-30-6	N-Nitrosodiphenylamine	371000	U
101-55-3	4-Bromophenyl-phenylether	371000	U
118-74-1	Hexachlorobenzene	371000	U
87-86-5	Pentachlorophenol	1850000	U
85-01-8	Phenanthrene	371000	U
120-12-7	Anthracene	371000	U
84-74-2	Di-n-butylphthalate	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705 Lab File ID: 447-5D10.D

Sample wt/vol: 1.08 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1812

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	371000	U
129-00-0	Pyrene	371000	U
92-87-5	Benzidine	930000	U
85-68-7	Butylbenzylphthalate	371000	U
91-94-1	3,3'-Dichlorobenzidine	371000	U
56-55-3	Benzo(a)anthracene	371000	U
218-01-9	Chrysene	371000	U
117-81-7	bis(2-ethylhexyl)phthalate	371000	U
117-84-0	Di-n-octylphthalate	371000	U
205-99-2	Benzo(b)fluoranthene	371000	U
207-08-9	Benzo(k)fluoranthene	371000	U
50-32-8	Benzo(a)pyrene	371000	U
193-39-5	Indeno(1,2,3-cd)pyrene	371000	U
53-70-3	Dibenz(a,h)anthracene	371000	U
191-24-2	Benzo(g,h,i)perylene	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706 Lab File ID: 447-6D10.D

Sample wt/vol: 1.13 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1842

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	354000	U
62-53-3	Aniline	354000	U
111-44-4	Bis(2-Chloroethyl)ether	354000	U
108-95-2	Phenol	1770000	U
95-57-8	2-Chlorophenol	354000	U
541-73-1	1,3-Dichlorobenzene	354000	U
106-46-7	1,4-Dichlorobenzene	354000	U
95-50-1	1,2-Dichlorobenzene	354000	U
100-51-6	Benzyl alcohol	885000	U
108-60-1	2,2-Oxybis(1-chloropropane)	358000	U
95-48-7	2-Methylphenol (o-Cresol)	354000	U
67-72-1	Hexachloroethane	358000	U
621-64-7	N-Nitroso-di-n-propylamine	354000	U
106-44-5	4-Methylphenol	69900	J
98-95-3	Nitrobenzene	354000	U
78-59-1	Isophorone	354000	U
88-75-5	2-Nitrophenol	354000	U
105-67-9	2,4-Dimethylphenol	354000	U
65-85-0	Benzoic acid	1770000	U
111-91-1	Bis(2-Chloroethoxy)methane	354000	U
120-83-2	2,4-Dichlorophenol	354000	U
120-82-1	1,2,4-Trichlorobenzene	354000	U
91-20-3	Naphthalene	354000	U
106-47-8	4-Chloroaniline	354000	U
91-57-6	2-Methylnaphthalene	354000	U
87-68-3	Hexachlorobutadiene	354000	U
59-50-7	4-Chloro-3-methylphenol	354000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706 Lab File ID: 447-6D10.D

Sample wt/vol: 1.13 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1842

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	354000	U
77-47-4	Hexachlorocyclopentadiene	885000	U
88-06-2	2,4,6-Trichlorophenol	354000	U
95-95-4	2,4,5-Trichlorophenol	354000	U
91-58-7	2-Chloronaphthalene	358000	U
88-74-4	2-Nitroaniline	354000	U
208-96-8	Acenaphthylene	354000	U
131-11-3	Dimethyl-phthalate	354000	U
606-20-2	2,6-Dinitrotoluene	354000	U
83-32-9	Acenaphthene	354000	U
99-09-2	3-Nitroaniline	354000	U
51-28-5	2,4-Dinitrophenol	1780000	U
132-64-9	Dibenzofuran	354000	U
121-14-2	2,4-Dinitrotoluene	354000	U
100-02-7	4-Nitrophenol	885000	U
86-73-7	Fluorene	354000	U
7005-72-3	4-Chlorophenyl-phenylether	354000	U
84-66-2	Diethylphthalate	354000	U
100-01-6	4-Nitroaniline	354000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1770000	U
86-30-6	N-Nitrosodiphenylamine	354000	U
101-55-3	4-Bromophenyl-phenylether	354000	U
118-74-1	Hexachlorobenzene	354000	U
87-86-5	Pentachlorophenol	1770000	U
85-01-8	Phenanthrene	354000	U
120-12-7	Anthracene	354000	U
84-74-2	Di-n-butylphthalate	354000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706 Lab File ID: 447-6D10.D

Sample wt/vol: 1.13 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1842

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	354000	U
129-00-0	Pyrene	354000	U
92-87-5	Benzidine	889000	U
85-68-7	Butylbenzylphthalate	354000	U
91-94-1	3,3'-Dichlorobenzidine	354000	U
56-55-3	Benzo(a)anthracene	354000	U
218-01-9	Chrysene	354000	U
117-81-7	bis(2-ethylhexyl)phthalate	354000	U
117-84-0	Di-n-octylphthalate	354000	U
205-99-2	Benzo(b)fluoranthene	354000	U
207-08-9	Benzo(k)fluoranthene	354000	U
50-32-8	Benzo(a)pyrene	354000	U
193-39-5	Indeno(1,2,3-cd)pyrene	354000	U
53-70-3	Dibenz(a,h)anthracene	354000	U
191-24-2	Benzo(g,h,i)perylene	354000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-19

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707 Lab File ID: 447-7D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1912

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	339000	U
62-53-3	Aniline	339000	U
111-44-4	Bis(2-Chloroethyl)ether	339000	U
108-95-2	Phenol	1700000	U
95-57-8	2-Chlorophenol	339000	U
541-73-1	1,3-Dichlorobenzene	339000	U
106-46-7	1,4-Dichlorobenzene	339000	U
95-50-1	1,2-Dichlorobenzene	339000	U
100-51-6	Benzyl alcohol	848000	U
108-60-1	2,2-Oxybis(1-chloropropane)	343000	U
95-48-7	2-Methylphenol (o-Cresol)	339000	U
67-72-1	Hexachloroethane	343000	U
621-64-7	N-Nitroso-di-n-propylamine	339000	U
106-44-5	4-Methylphenol	339000	U
98-95-3	Nitrobenzene	339000	U
78-59-1	Isophorone	339000	U
88-75-5	2-Nitrophenol	339000	U
105-67-9	2,4-Dimethylphenol	339000	U
65-85-0	Benzoic acid	1700000	U
111-91-1	Bis(2-Chloroethoxy)methane	339000	U
120-83-2	2,4-Dichlorophenol	339000	U
120-82-1	1,2,4-Trichlorobenzene	339000	U
91-20-3	Naphthalene	339000	U
106-47-8	4-Chloroaniline	339000	U
91-57-6	2-Methylnaphthalene	339000	U
87-68-3	Hexachlorobutadiene	339000	U
59-50-7	4-Chloro-3-methylphenol	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-19

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707 Lab File ID: 447-7D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1912

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	339000	U
77-47-4	Hexachlorocyclopentadiene	848000	U
88-06-2	2,4,6-Trichlorophenol	339000	U
95-95-4	2,4,5-Trichlorophenol	339000	U
91-58-7	2-Chloronaphthalene	343000	U
88-74-4	2-Nitroaniline	339000	U
208-96-8	Acenaphthylene	339000	U
131-11-3	Dimethyl-phthalate	339000	U
606-20-2	2,6-Dinitrotoluene	339000	U
83-32-9	Acenaphthene	339000	U
99-09-2	3-Nitroaniline	339000	U
51-28-5	2,4-Dinitrophenol	1700000	U
132-64-9	Dibenzofuran	339000	U
121-14-2	2,4-Dinitrotoluene	339000	U
100-02-7	4-Nitrophenol	848000	U
86-73-7	Fluorene	339000	U
7005-72-3	4-Chlorophenyl-phenylether	339000	U
84-66-2	Diethylphthalate	339000	U
100-01-6	4-Nitroaniline	339000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1700000	U
86-30-6	N-Nitrosodiphenylamine	339000	U
101-55-3	4-Bromophenyl-phenylether	339000	U
118-74-1	Hexachlorobenzene	339000	U
87-86-5	Pentachlorophenol	1700000	U
85-01-8	Phenanthrene	339000	U
120-12-7	Anthracene	339000	U
84-74-2	Di-n-butylphthalate	339000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-19

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707 Lab File ID: 447-7D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1912

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	339000	U
129-00-0	Pyrene	339000	U
92-87-5	Benzidine	852000	U
85-68-7	Butylbenzylphthalate	339000	U
91-94-1	3,3'-Dichlorobenzidine	339000	U
56-55-3	Benzo(a)anthracene	339000	U
218-01-9	Chrysene	339000	U
117-81-7	bis(2-ethylhexyl)phthalate	339000	U
117-84-0	Di-n-octylphthalate	339000	U
205-99-2	Benzo(b)fluoranthene	339000	U
207-08-9	Benzo(k)fluoranthene	339000	U
50-32-8	Benzo(a)pyrene	339000	U
193-39-5	Indeno(1,2,3-cd)pyrene	339000	U
53-70-3	Dibenz(a,h)anthracene	339000	U
191-24-2	Benzo(g,h,i)perylene	339000	U

QC Summary

060907 1440

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 351BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 247688 Lab File ID: 351BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1514

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 351BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 247688 Lab File ID: 351BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1514

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 351BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 247688 Lab File ID: 351BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/02/07 Time: 1514

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 351LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	40000	33100	82.8		30.0	48 - 115
Aniline	40000	36400	91.0		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	39500	98.8		30.0	61 - 105
Phenol	40000	38800	97.0		23.0	46 - 100
2-Chlorophenol	40000	36900	92.2		24.0	54 - 105
1,3-Dichlorobenzene	40000	42500	106.0 *		26.0	67 - 100
1,4-Dichlorobenzene	40000	39900	99.8		27.0	62 - 105
1,2-Dichlorobenzene	40000	39900	99.8 *		30.0	65 - 95
Benzyl alcohol	40000	31300	78.2		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	39800	99.5		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	37000	92.5		30.0	58 - 105
Hexachloroethane	40000	39300	98.2		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	39900	99.8		28.0	59 - 115
4-Methylphenol	40000	36700	91.8		26.0	57 - 105
Nitrobenzene	40000	39700	99.2		27.0	71 - 115
Isophorone	40000	38900	97.2		30.0	69 - 110
2-Nitrophenol	40000	33000	82.5		20.0	61 - 110
2,4-Dimethylphenol	40000	41800	104.0		30.0	65 - 105
Benzoic acid	80000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	32600	81.5		30.0	70 - 110
2,4-Dichlorophenol	40000	35300	88.2		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	39600	99.0		29.0	71 - 110
Naphthalene	40000	40500	101.0		23.0	67 - 105
4-Chloroaniline	40000	34200	85.5		30.0	57 - 95
2-Methylnaphthalene	40000	40000	100.0		22.0	72 - 105
Hexachlorobutadiene	40000	37200	93.0		27.0	79 - 115
4-Chloro-3-methylphenol	40000	34200	85.5		30.0	62 - 115
1-Methylnaphthalene	40000	41200	103.0		25.0	67 - 145
Hexachlorocyclopentadiene	40000	29400	73.5		44.0	34 - 139
2,4,6-Trichlorophenol	40000	35400	88.5		30.0	62 - 110
2,4,5-Trichlorophenol	40000	34600	86.5		29.0	61 - 110
2-Chloronaphthalene	40000	39800	99.5		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

351LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	31800	79.5		23.0	71 - 120
Acenaphthylene	40000	37900	94.8		21.0	66 - 105
Dimethyl-phthalate	40000	39800	99.5		30.0	69 - 110
2,6-Dinitrotoluene	40000	29200	73.0		30.0	73 - 110
Acenaphthene	40000	37500	93.8		28.0	65 - 110
3-Nitroaniline	40000	31300	78.2		30.0	76 - 110
2,4-Dinitrophenol	80000	0	0.0 *		30.0	29 - 130
Dibenzofuran	40000	40100	100.0		28.0	75 - 105
2,4-Dinitrotoluene	40000	35500	88.8		29.0	77 - 115
4-Nitrophenol	40000	25800	64.5		30.0	52 - 140
Fluorene	40000	39600	99.0		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	40900	102.0		30.0	65 - 110
Diethylphthalate	40000	38300	95.8		28.0	68 - 115
4-Nitroaniline	40000	32600	81.5		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	19200	48.0		28.0	34 - 135
N-Nitrosodiphenylamine	40000	40700	102.0		23.0	77 - 115
4-Bromophenyl-phenylether	40000	35800	89.5		30.0	59 - 115
Hexachlorobenzene	40000	37100	92.8		28.0	77 - 120
Pentachlorophenol	40000	16900	42.2		30.0	36 - 120
Phenanthrene	40000	38800	97.0		25.0	67 - 110
Anthracene	40000	37400	93.5		19.0	67 - 105
Di-n-butylphthalate	40000	32600	81.5		29.0	67 - 110
Fluoranthene	40000	35900	89.8		21.0	74 - 115
Pyrene	40000	36700	91.8		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	34800	87.0		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	30400	76.0		30.0	41 - 130
Benzo(a)anthracene	40000	36200	90.5		29.0	67 - 110
Chrysene	40000	40000	100.0		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	31000	77.5		30.0	65 - 125
Di-n-octylphthalate	40000	26700	66.8		30.0	64 - 130
Benzo(b)fluoranthene	40000	33200	83.0		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

351LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	35900	89.8		28.0	53 - 125
Benzo(a)pyrene	40000	34200	85.5		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	34300	85.8		30.0	40 - 120
Dibenz(a,h)anthracene	40000	32700	81.8		30.0	40 - 125
Benzo(g,h,i)perylene	40000	39600	99.0		23.0	41 - 125

Spike Recovery: 5 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

GC/ECD PCB ORGANICS

METHOD 8082

060907 1440

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507447

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. Please note that CCV539310 (ACCV3.D) did not meet criteria with an average of 17.6 %D. Since this CCV deviated high, it can be assumed that were any target analytes present in the samples, they would be successfully detected.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 371LCS was analyzed with the soil samples extracted on 08/29/07. The following analyte(s) were recovered above criteria: Aroclor-1260 at 145 % with criteria of (60-125). The following analyte(s) had marginal exceedance limit failures: Aroclor-1260 at 145 % with criteria of (49.2-135.8).

Since the LCS deviated high and no analyte hits were detected in the samples, no further action was taken.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507447

Client: T N & Associates, Inc.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/05/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Method: 8082

EPA Sample No	Lab Sample ID
NPP-T-1	250744701
NPP-T-2	250744702
NPP-T-21	250744703
NPP-T-22	250744704
NPP-T-23	250744705
NPP-T-27	250744706
NPP-T-19	250744707

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Sample Data

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701 Lab File ID: 447-1.D

Sample wt/vol: 1.03 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 2117

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702 Lab File ID: 447-2.D

Sample wt/vol: 1.13 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 2148

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	400	U
11096-82-5	Aroclor-1260	400	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703 Lab File ID: 447-3.D

Sample wt/vol: 1.07 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 2220

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704 Lab File ID: 447-4.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 2252

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	390	U
11096-82-5	Aroclor-1260	390	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705 Lab File ID: 447-5.D

Sample wt/vol: 1.07 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/01/07 Time: 0011

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706 Lab File ID: 447-6.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/01/07 Time: 0042

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-19

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707 Lab File ID: 447-7.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/01/07 Time: 0114

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 371BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 247901 Lab File ID: 371BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 2013

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

371LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	13000	130.0		21.0	40 - 140
Aroclor-1260	10000	14500	145.0 *		32.0	60 - 125

Spike Recovery: 1 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507447

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. Multiple QC failures on 09/01/07 analysis. All samples were re-analyzed 09/04/07. Only Potassium was reported from 09/01/07 analysis.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 247732BLK was analyzed with the soil samples on 09/01/07. The following analyte(s) were detected below RL: Thallium at 0.386 MG/KG. Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507447

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

Samples NPP-T-19, NPP-T-2 required a 1:5 dilution due to high concentration of the following analyte(s): Antimony.

Sample NPP-T-1 required a 1:5 dilution due to high concentration of the following analyte(s): Sodium.

Samples NPP-T-21, NPP-T-22 required a 1:5 dilution due to high concentration of the following analyte(s): Antimony, Sodium.

Sample NPP-T-23 required a 1:5 dilution due to matrix interference with the following analyte(s): Thallium.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gold

SIGNED: **DATE: 09/05/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507447

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507447

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gale

SIGNED: **DATE: 09/05/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507447

SOW No.:

EPA Sample No	Lab Sample ID
NPP-T-1	250744701
NPP-T-1DL1	250744701DL1
NPP-T-1R1	250744701R1
NPP-T-2	250744702
NPP-T-2DL1	250744702DL1
NPP-T-2R1	250744702R1
NPP-T-21	250744703
NPP-T-21DL1	250744703DL1
NPP-T-21R1	250744703R1
NPP-T-22	250744704
NPP-T-22DL1	250744704DL1
NPP-T-22R1	250744704R1
NPP-T-23	250744705
NPP-T-23DL1	250744705DL1
NPP-T-23R1	250744705R1
NPP-T-27	250744706
NPP-T-27R1	250744706R1
NPP-T-19	250744707
NPP-T-19DL1	250744707DL1
NPP-T-19R1	250744707R1

Were ICP interelement corrections applied? Yes/No Yes

Were ICP background corrections applied? Yes/No Yes

If yes - were raw data generated before application of background corrections? Yes/No No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-97-6	Mercury	0.0528			CV
7440-09-7	Potassium	7590			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-1DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	36100			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-1R1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701R1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	50.6			P
7440-36-0	Antimony	29.9			P
7440-38-2	Arsenic	0.475	U		P
7440-39-3	Barium	8.76			P
7440-41-7	Beryllium	0.152	U		P
7440-43-9	Cadmium	0.0913	B		P
7440-70-2	Calcium	347			P
7440-47-3	Chromium	2.11			P
7440-48-4	Cobalt	0.362	B		P
7440-50-8	Copper	15.3			P
7439-89-6	Iron	421			P
7439-92-1	Lead	3.71			P
7439-95-4	Magnesium	87.4			P
7439-96-5	Manganese	6.96			P
7440-02-0	Nickel	2.28			P
7782-49-2	Selenium	1.93			P
7440-22-4	Silver	0.152	U		P
7440-28-0	Thallium	0.314	U		P
7440-62-2	Vanadium	0.707			P
7440-66-6	Zinc	40.7			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-97-6	Mercury	0.0216			CV
7440-09-7	Potassium	945			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-2DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	574			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-2R1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702R1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	49.6			P
7440-38-2	Arsenic	9.2			P
7440-39-3	Barium	4.39			P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.05	U		P
7440-70-2	Calcium	521			P
7440-47-3	Chromium	3.57			P
7440-48-4	Cobalt	1.8			P
7440-50-8	Copper	17.3			P
7439-89-6	Iron	1690			P
7439-92-1	Lead	2.13			P
7439-95-4	Magnesium	146			P
7439-96-5	Manganese	35.3			P
7440-02-0	Nickel	2.51			P
7782-49-2	Selenium	1.46			P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	11600			P
7440-28-0	Thallium	0.33	U		P
7440-62-2	Vanadium	0.216	B		P
7440-66-6	Zinc	23.1			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-97-6	Mercury	0.00203	U		CV
7440-09-7	Potassium	4800			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-21DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	704			P
7440-23-5	Sodium	25700			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-21R1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703R1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-38-2	Arsenic	9.55			P
7440-39-3	Barium	0.314	B		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0511	B		P
7440-70-2	Calcium	328			P
7440-47-3	Chromium	0.663			P
7440-48-4	Cobalt	0.829			P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	474			P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	38.3			P
7439-96-5	Manganese	3.17			P
7440-02-0	Nickel	0.389	B		P
7782-49-2	Selenium	2.11			P
7440-22-4	Silver	0.155	U		P
7440-28-0	Thallium	0.32	U		P
7440-62-2	Vanadium	0.164	B		P
7440-66-6	Zinc	2.1			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-97-6	Mercury	0.00205	U		CV
7440-09-7	Potassium	8920			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-22DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	649			P
7440-23-5	Sodium	32700			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

060907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-22R1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704R1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	13			P
7440-38-2	Arsenic	12.8			P
7440-39-3	Barium	1.8			P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0774	B		P
7440-70-2	Calcium	644			P
7440-47-3	Chromium	1.61			P
7440-48-4	Cobalt	0.296	B		P
7440-50-8	Copper	1.65			P
7439-89-6	Iron	418			P
7439-92-1	Lead	0.332	U		P
7439-95-4	Magnesium	71.2			P
7439-96-5	Manganese	5.01			P
7440-02-0	Nickel	0.771			P
7782-49-2	Selenium	2.25			P
7440-22-4	Silver	0.156	U		P
7440-28-0	Thallium	0.322	U		P
7440-62-2	Vanadium	0.188	B		P
7440-66-6	Zinc	9.56			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-97-6	Mercury	0.00202	U		CV
7440-09-7	Potassium	168			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-23DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.62	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

060907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-23R1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705R1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	7.13			P
7440-38-2	Arsenic	0.491	U		P
7440-39-3	Barium	0.296	B		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0491	U		P
7440-70-2	Calcium	4.17	B		P
7440-47-3	Chromium	0.28	B		P
7440-48-4	Cobalt	0.0491	U		P
7440-50-8	Copper	0.157	U		P
7439-89-6	Iron	63.8			P
7439-92-1	Lead	0.334	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	0.157	U		P
7440-02-0	Nickel	0.157	U		P
7782-49-2	Selenium	2.82			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	22400			P
7440-62-2	Vanadium	0.27	B		P
7440-66-6	Zinc	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

060907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-97-6	Mercury	0.00207	U		CV
7440-09-7	Potassium	816			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

060907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-27R1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706R1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3.33	B		P
7440-36-0	Antimony	16.6			P
7440-38-2	Arsenic	0.92	B		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0526	B		P
7440-70-2	Calcium	58.5			P
7440-47-3	Chromium	4.76			P
7440-48-4	Cobalt	0.0486	U		P
7440-50-8	Copper	274			P
7439-89-6	Iron	10800			P
7439-92-1	Lead	38.4			P
7439-95-4	Magnesium	12.2			P
7439-96-5	Manganese	64.4			P
7440-02-0	Nickel	10.4			P
7782-49-2	Selenium	1.77			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	17000			P
7440-28-0	Thallium	0.321	U		P
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	121			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

060907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-19

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-97-6	Mercury	0.00207	U		CV
7440-09-7	Potassium	2850			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

060907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-19DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	606			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

060907 1441

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-19R1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707R1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.1	U		P
7440-38-2	Arsenic	22.1			P
7440-39-3	Barium	0.16	U		P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.0499	U		P
7440-70-2	Calcium	3.58	B		P
7440-47-3	Chromium	0.214	B		P
7440-48-4	Cobalt	0.319	B		P
7440-50-8	Copper	0.16	U		P
7439-89-6	Iron	0.599	U		P
7439-92-1	Lead	0.339	U		P
7439-95-4	Magnesium	2.99	U		P
7439-96-5	Manganese	0.16	U		P
7440-02-0	Nickel	1.15			P
7782-49-2	Selenium	1.98			P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	10900			P
7440-28-0	Thallium	0.329	U		P
7440-62-2	Vanadium	0.16	U		P
7440-66-6	Zinc	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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QC Summary

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DUPLICATES

EPA Sample No.

247734LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4650		4680		0.6		P
Antimony	20	47.6		47.4		0.4		P
Arsenic	20	45.2		44.8		0.9		P
Barium	20	137		137		0.0		P
Beryllium	20	47.8		48.1		0.6		P
Cadmium	20	45.8		45.3		1.1		P
Calcium	20	4540		4570		0.7		P
Chromium	20	47.2		47.2		0.0		P
Cobalt	20	46.4		46.4		0.0		P
Copper	20	46.4		46.4		0.0		P
Iron	20	4770		4800		0.6		P
Lead	20	47.4		46.7		1.5		P
Magnesium	20	4360		4410		1.1		P
Manganese	20	47.7		47.7		0.0		P
Nickel	20	45.8		45.6		0.4		P
Potassium	20	4500		4550		1.1		P
Selenium	20	45.6		45.2		0.9		P
Silver	20	19		19.1		0.5		P
Sodium	20	4670		4710		0.9		P
Thallium	20	44		44		0.0		P
Vanadium	20	48.5		48.7		0.4		P
Zinc	20	45.9		45.6		0.7		P

Comments:

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DUPLICATES

EPA Sample No.

247800LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.258		0.253		2.0		CV

Comments:

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247733LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	%R
Aluminum				5000	4650		80 - 120	93.0
Antimony				50	47.6		80 - 120	95.2
Arsenic				50	45.2		80 - 120	90.4
Barium				150	137		80 - 120	91.3
Beryllium				50	47.8		80 - 120	95.6
Cadmium				50	45.8		80 - 120	91.6
Calcium				5000	4540		80 - 120	90.8
Chromium				50	47.2		80 - 120	94.4
Cobalt				50	46.4		80 - 120	92.8
Copper				50	46.4		80 - 120	92.8
Iron				5000	4770		80 - 120	95.4
Lead				50	47.4		80 - 120	94.8
Magnesium				5000	4360		80 - 120	87.2
Manganese				50	47.7		80 - 120	95.4
Nickel				50	45.8		80 - 120	91.6
Potassium				5000	4500		80 - 120	90.0
Selenium				50	45.6		80 - 120	91.2
Silver				20	19		80 - 120	95.0
Sodium				5000	4670		80 - 120	93.4
Thallium				50	44		80 - 120	88.0
Vanadium				50	48.5		80 - 120	97.0
Zinc				50	45.9		80 - 120	91.8

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247734LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Found	%R	Solid (MG/KG) True	Found	C	Limits	%R
Aluminum				5000	4680		80 - 120	93.6
Antimony				50	47.4		80 - 120	94.8
Arsenic				50	44.8		80 - 120	89.6
Barium				150	137		80 - 120	91.3
Beryllium				50	48.1		80 - 120	96.2
Cadmium				50	45.3		80 - 120	90.6
Calcium				5000	4570		80 - 120	91.4
Chromium				50	47.2		80 - 120	94.4
Cobalt				50	46.4		80 - 120	92.8
Copper				50	46.4		80 - 120	92.8
Iron				5000	4800		80 - 120	96.0
Lead				50	46.7		80 - 120	93.4
Magnesium				5000	4410		80 - 120	88.2
Manganese				50	47.7		80 - 120	95.4
Nickel				50	45.6		80 - 120	91.2
Potassium				5000	4550		80 - 120	91.0
Selenium				50	45.2		80 - 120	90.4
Silver				20	19.1		80 - 120	95.5
Sodium				5000	4710		80 - 120	94.2
Thallium				50	44		80 - 120	88.0
Vanadium				50	48.7		80 - 120	97.4
Zinc				50	45.6		80 - 120	91.2

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247800LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.258		80	120	86.0

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247800LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.253		80	120	84.3

060907 1441

Chain of Custody Documentation

060907 1441

PEL Laboratories, Inc.
1010000 1000101 1100110
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Chain of Custody Record
Record/Work Request

2507447 KC

Company: TNSA

Project Name/Number: 2005148-1089

Address: 1220 KENNESTONE CIRCLE MARIETTA GA

Project Manager: L. VON OLDENBURG

Phone: 678-355 5550 Fax: 678-355 5545

Purchase Order:

Page of

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Print Names(s) / Affiliation: L. von OLDENBURG TNSA

Sampler(s) Signature(s):

Preservatives (see codes)

Analyses Requested

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	8260	8270	8082	6010	REQUESTED DUE DATE / / Remarks	Lab. No.
1	NPP - T-1	8-24-7	15:15	G	O	3	X	X	X	X	WASTE Samples	01
2	T-2		14:30									02
3	T-21		14:35									03
4	T-22		14:40									04
5	T-23		14:45									05
6	T-17		16:00									06
7	NPP - T-19	8-24-7	15:40	G	O	3	X	X	X	X	WASTE Samples	07

Shipment Method

← Total Number of Containers

Out: / / Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / / Via:		[signature] TEL	08/17/07	1100	[signature] TNSA	8-22	10:30
Additional Comments: Fax's only		[signature]	08/24/7	17:00	[signature] TEL	08/25/07	0830
STD TAT							

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
Rec'd @ 4.0C-		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507447

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FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7835

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337835

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005 148-1089

3 To

Recipient's Name _____ Phone 813 247 2805

Company PEL LABS

Recipient's Address 4420 PENSOLA POINT RD Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address TAMPA FL

To request a package be held at a specific FedEx location, print FedEx address here.

City _____ State _____ ZIP 33619

0366274374

8630 3433 7835

fedex.com 1.800.GoFedEx 1.800.463.3339

Recipient's Copy

4a Express Package Service — Packages up to 150 lbs.

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — Packages over 150 lbs.

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [x] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 6.35 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

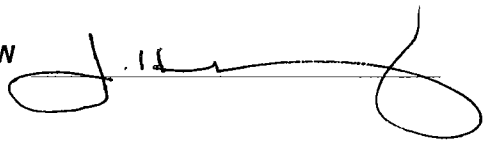
SDG:	2507447	**Req:**	83511
Client:	TN&A	**Project:**	National Petroleum Packers
Level:	2	**Date Rec'd:**	8/25/07 9:30:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/05/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW 

Client: TN&A

WONo: 2507447 **Profile Name:** Nat'l Petro. **Profile #:** 83511

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 07	7470	Mercury		BMD	082707	1000
01 - 07	7470	Mercury	N/A			
01 - 07	6010	Metals		BMD	082707	1000
01 - 07	6010	Metals	N/A	BMD 082707 1E		
01 - 07	8260	Volatile Organic Compounds		MSS	8/27/07	11:00
01 - 07	8260	Volatile Organic Compounds		custom		
01 - 07	8270	GCMS semivolatile		SL	8/27/07	12:10
01 - 07	8270	GCMS semivolatile	SL		8/27/07	20:35
01 - 07	8082	PCB		EC	8/29/07	900
01 - 07	8082	PCB	EC		8/29/07	1800

Additional:

Comments:

Addendum

060907 1441

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/25/2007 9:30:00 AM

Date to be Reported: 9/5/2007

Laboratory Submission Number/SDG: 2507447

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507447

Project: National Petroleum Packers

Samples: The submission consisted of 7 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

10-day TAT.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level 2

Total of: 35 analyses on 7 samples (including QC) *27-Aug-07*

Report/SDG #: 2507447

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T-1	250744701		S	8/24/2007 2:15:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T-2	250744702		S	8/24/2007 2:50:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T-21	250744703		S	8/24/2007 2:38:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507447

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T-22	250744704		S	8/24/2007 2:40:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T-23	250744705		S	8/24/2007 2:45:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T-27	250744706		S	8/24/2007 4:00:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507447

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T-19	250744707		S	8/24/2007 3:40:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

From: Darcy Weisman
Sent: Wednesday, August 29, 2007 2:25 PM
To: 'Russell Henderson'
Cc: Lou Von Oldenburg
Subject: RE: National Petroleum Packers / rush request

Please see attached for 8260 prelims.

-----Original Message-----
From: Russell Henderson [mailto:RHenderson@tnainc.com]
Sent: Wednesday, August 29, 2007 11:38 AM
To: Darcy Weisman
Cc: Lou Von Oldenburg
Subject: RE: National Petroleum Packers / rush request

There you go Darcy, now you have his email.

From: Darcy Weisman [mailto:dweisman@PELAB.com]
Sent: Wednesday, August 29, 2007 11:13 AM
To: Russell Henderson
Subject: National Petroleum Packers / rush request

Good morning Russell.
Lou has requested that we expedite the following samples: NPP-T1, T2, T21, T22, T23, T27, T19, T4, T5, T7 (last three were received today). I am looking into what kind of TAT I can provide. My ICAP is actin up at the moment and so I'm not sure if I can provide a rush TAT on the metals. I'll get back to you shortly on what we will be able to do for you. If you have any questions, please let me know. Can you please forward to Lou? I thought I had his email but I don't...

Thanks
Darcy

Please note that my extension number has changed to ext. 3.

Darcy Weisman
Project Manager
PEL Laboratories, Inc.
phone: 813-247-2805 ext. 3
fax: 813-248-1537 or 813-247-3627
email: dweisman@pelab.com
Visit our website at www.pelab.com

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701 Lab File ID: 44701.D

Sample wt/vol: 0.89 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1245

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1120	U
74-87-3	Chloromethane	1120	U
75-01-4	Vinyl chloride	1120	U
74-83-9	Bromomethane	1120	U
75-00-3	Chloroethane	2810	U
75-69-4	Trichlorofluoromethane	1120	U
75-35-4	1,1-Dichloroethene	1120	U
107-02-8	Acrolein	14000	U
74-88-4	Methyl iodide	1120	U
75-15-0	Carbon disulfide	1120	U
75-09-2	Methylene chloride	2810	U
156-60-5	trans-1,2-Dichloroethene	1120	U
107-13-1	Acrylonitrile	2810	U
75-34-3	1,1-Dichloroethane	1120	U
67-64-1	Acetone	5000	J
594-20-7	2,2-Dichloropropane	1120	U
156-59-2	cis-1,2-Dichloroethene	1120	U
74-97-5	Bromochloromethane	1120	U
78-93-3	2-Butanone	5620	U
67-66-3	Chloroform	1120	U
71-55-6	1,1,1-Trichloroethane	1120	U
56-23-5	Carbon tetrachloride	1120	U
563-58-6	1,1-Dichloropropene	1120	U
71-43-2	Benzene	1120	U
107-06-2	1,2-Dichloroethane	1120	U
79-01-6	Trichloroethene	1120	U
108-05-4	Vinyl acetate	2250	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701 Lab File ID: 44701.D

Sample wt/vol: 0.89 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1245

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1120	U
74-95-3	Dibromomethane	1120	U
75-27-4	Bromodichloromethane	1120	U
10061-01-5	cis-1,3-Dichloropropene	1120	U
108-10-1	4-Methyl-2-pentanone	2250	U
108-88-3	Toluene	1120	U
10061-02-6	trans-1,3-Dichloropropene	1120	U
79-00-5	1,1,2-Trichloroethane	1120	U
127-18-4	Tetrachloroethene	2810	U
142-28-9	1,3-Dichloropropane	1120	U
591-78-6	2-Hexanone	2250	U
124-48-1	Dibromochloromethane	1120	U
106-93-4	1,2-Dibromoethane(EDB)	1120	U
108-90-7	Chlorobenzene	1120	U
630-20-6	1,1,1,2-Tetrachloroethane	1120	U
100-41-4	Ethylbenzene	1120	U
511-39-00	p,m-Xylene	1260	J
95-47-6	o-Xylene	1120	U
100-42-5	Styrene	1120	U
75-25-2	Bromoform	2810	U
98-82-8	Isopropylbenzene (Cumene)	1120	U
108-86-1	Bromobenzene	1120	U
79-34-5	1,1,2,2-Tetrachloroethane	1120	U
96-18-4	1,2,3-Trichloropropane	1120	U
103-65-1	n-Propylbenzene	1120	U
95-49-8	2-Chlorotoluene	1120	U
106-43-4	4-Chlorotoluene	1120	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744701 Lab File ID: 44701.D

Sample wt/vol: 0.89 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1245

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1120	U
98-06-6	tert-Butylbenzene	1120	U
95-63-6	1,2,4-Trimethylbenzene	842	J
135-98-8	sec-Butylbenzene	1120	U
541-73-1	1,3-Dichlorobenzene	1120	U
106-46-7	1,4-Dichlorobenzene	1120	U
99-87-6	4-Isopropyltoluene	1120	U
104-51-8	n-Butylbenzene	389	J
95-50-1	1,2-Dichlorobenzene	339	J
96-12-8	1,2-Dibromo-3-chloropropane	5620	U
120-82-1	1,2,4-Trichlorobenzene	1120	U
87-68-3	Hexachlorobutadiene	1680	U
91-20-3	Naphthalene	1400	
87-61-6	1,2,3-Trichlorobenzene	1120	U
1634-04-4	MTBE	1120	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702 Lab File ID: 44702.D

Sample wt/vol: 2.27 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1218

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	440	U
74-87-3	Chloromethane	440	U
75-01-4	Vinyl chloride	440	U
74-83-9	Bromomethane	440	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	440	U
75-35-4	1,1-Dichloroethene	440	U
107-02-8	Acrolein	5510	U
74-88-4	Methyl iodide	440	U
75-15-0	Carbon disulfide	440	U
75-09-2	Methylene chloride	330	J
156-60-5	trans-1,2-Dichloroethene	440	U
107-13-1	Acrylonitrile	1100	U
75-34-3	1,1-Dichloroethane	440	U
67-64-1	Acetone	4250	
594-20-7	2,2-Dichloropropane	440	U
156-59-2	cis-1,2-Dichloroethene	440	U
74-97-5	Bromochloromethane	440	U
78-93-3	2-Butanone	1990	J
67-66-3	Chloroform	440	U
71-55-6	1,1,1-Trichloroethane	440	U
56-23-5	Carbon tetrachloride	440	U
563-58-6	1,1-Dichloropropene	440	U
71-43-2	Benzene	440	U
107-06-2	1,2-Dichloroethane	440	U
79-01-6	Trichloroethene	440	U
108-05-4	Vinyl acetate	881	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702 Lab File ID: 44702.D

Sample wt/vol: 2.27 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1218

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	440	U
74-95-3	Dibromomethane	440	U
75-27-4	Bromodichloromethane	440	U
10061-01-5	cis-1,3-Dichloropropene	440	U
108-10-1	4-Methyl-2-pentanone	534	J
108-88-3	Toluene	479	
10061-02-6	trans-1,3-Dichloropropene	440	U
79-00-5	1,1,2-Trichloroethane	440	U
127-18-4	Tetrachloroethene	1100	U
142-28-9	1,3-Dichloropropane	440	U
591-78-6	2-Hexanone	881	U
124-48-1	Dibromochloromethane	440	U
106-93-4	1,2-Dibromoethane(EDB)	440	U
108-90-7	Chlorobenzene	440	U
630-20-6	1,1,1,2-Tetrachloroethane	440	U
100-41-4	Ethylbenzene	218	J
511-39-00	p,m-Xylene	2740	
95-47-6	o-Xylene	448	
100-42-5	Styrene	440	U
75-25-2	Bromoform	1100	U
98-82-8	Isopropylbenzene (Cumene)	556	
108-86-1	Bromobenzene	440	U
79-34-5	1,1,2,2-Tetrachloroethane	440	U
96-18-4	1,2,3-Trichloropropane	440	U
103-65-1	n-Propylbenzene	167	J
95-49-8	2-Chlorotoluene	440	U
106-43-4	4-Chlorotoluene	440	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744702 Lab File ID: 44702.D

Sample wt/vol: 2.27 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1218

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	366	J
98-06-6	tert-Butylbenzene	440	U
95-63-6	1,2,4-Trimethylbenzene	1800	
135-98-8	sec-Butylbenzene	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
99-87-6	4-Isopropyltoluene	215	J
104-51-8	n-Butylbenzene	550	
95-50-1	1,2-Dichlorobenzene	440	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	440	U
87-68-3	Hexachlorobutadiene	661	U
91-20-3	Naphthalene	10400	
87-61-6	1,2,3-Trichlorobenzene	440	U
1634-04-4	MTBE	440	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703 Lab File ID: 44703.D

Sample wt/vol: 1.59 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1151

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	629	U
74-87-3	Chloromethane	629	U
75-01-4	Vinyl chloride	629	U
74-83-9	Bromomethane	629	U
75-00-3	Chloroethane	1570	U
75-69-4	Trichlorofluoromethane	629	U
75-35-4	1,1-Dichloroethene	629	U
107-02-8	Acrolein	7860	U
74-88-4	Methyl iodide	629	U
75-15-0	Carbon disulfide	629	U
75-09-2	Methylene chloride	1570	U
156-60-5	trans-1,2-Dichloroethene	629	U
107-13-1	Acrylonitrile	1570	U
75-34-3	1,1-Dichloroethane	629	U
67-64-1	Acetone	3140	U
594-20-7	2,2-Dichloropropane	629	U
156-59-2	cis-1,2-Dichloroethene	629	U
74-97-5	Bromochloromethane	629	U
78-93-3	2-Butanone	3140	U
67-66-3	Chloroform	629	U
71-55-6	1,1,1-Trichloroethane	629	U
56-23-5	Carbon tetrachloride	629	U
563-58-6	1,1-Dichloropropene	629	U
71-43-2	Benzene	629	U
107-06-2	1,2-Dichloroethane	629	U
79-01-6	Trichloroethene	629	U
108-05-4	Vinyl acetate	1260	U

DRAFT

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703 Lab File ID: 44703.D

Sample wt/vol: 1.59 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1151

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	629	U
74-95-3	Dibromomethane	629	U
75-27-4	Bromodichloromethane	629	U
10061-01-5	cis-1,3-Dichloropropene	629	U
108-10-1	4-Methyl-2-pentanone	1260	U
108-88-3	Toluene	629	U
10061-02-6	trans-1,3-Dichloropropene	629	U
79-00-5	1,1,2-Trichloroethane	629	U
127-18-4	Tetrachloroethene	1570	U
142-28-9	1,3-Dichloropropane	629	U
591-78-6	2-Hexanone	1260	U
124-48-1	Dibromochloromethane	629	U
106-93-4	1,2-Dibromoethane(EDB)	629	U
108-90-7	Chlorobenzene	629	U
630-20-6	1,1,1,2-Tetrachloroethane	629	U
100-41-4	Ethylbenzene	629	U
511-39-00	p,m-Xylene	1260	U
95-47-6	o-Xylene	629	U
100-42-5	Styrene	629	U
75-25-2	Bromoform	1570	U
98-82-8	Isopropylbenzene (Cumene)	170	J
108-86-1	Bromobenzene	629	U
79-34-5	1,1,2,2-Tetrachloroethane	629	U
96-18-4	1,2,3-Trichloropropane	629	U
103-65-1	n-Propylbenzene	629	U
95-49-8	2-Chlorotoluene	629	U
106-43-4	4-Chlorotoluene	629	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744703 Lab File ID: 44703.D

Sample wt/vol: 1.59 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1151

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	629	U
98-06-6	tert-Butylbenzene	629	U
95-63-6	1,2,4-Trimethylbenzene	629	U
135-98-8	sec-Butylbenzene	629	U
541-73-1	1,3-Dichlorobenzene	629	U
106-46-7	1,4-Dichlorobenzene	629	U
99-87-6	4-Isopropyltoluene	629	U
104-51-8	n-Butylbenzene	629	U
95-50-1	1,2-Dichlorobenzene	629	U
96-12-8	1,2-Dibromo-3-chloropropane	3140	U
120-82-1	1,2,4-Trichlorobenzene	629	U
87-68-3	Hexachlorobutadiene	943	U
91-20-3	Naphthalene	494	J
87-61-6	1,2,3-Trichlorobenzene	629	U
1634-04-4	MTBE	629	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704 Lab File ID: 44704.D

Sample wt/vol: 1.75 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1124

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	571	U
74-87-3	Chloromethane	571	U
75-01-4	Vinyl chloride	571	U
74-83-9	Bromomethane	571	U
75-00-3	Chloroethane	1430	U
75-69-4	Trichlorofluoromethane	571	U
75-35-4	1,1-Dichloroethene	571	U
107-02-8	Acrolein	7140	U
74-88-4	Methyl iodide	571	U
75-15-0	Carbon disulfide	571	U
75-09-2	Methylene chloride	1430	U
156-60-5	trans-1,2-Dichloroethene	571	U
107-13-1	Acrylonitrile	1430	U
75-34-3	1,1-Dichloroethane	571	U
67-64-1	Acetone	2860	U
594-20-7	2,2-Dichloropropane	571	U
156-59-2	cis-1,2-Dichloroethene	571	U
74-97-5	Bromochloromethane	571	U
78-93-3	2-Butanone	2860	U
67-66-3	Chloroform	571	U
71-55-6	1,1,1-Trichloroethane	571	U
56-23-5	Carbon tetrachloride	571	U
563-58-6	1,1-Dichloropropene	571	U
71-43-2	Benzene	571	U
107-06-2	1,2-Dichloroethane	571	U
79-01-6	Trichloroethene	571	U
108-05-4	Vinyl acetate	1140	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704 Lab File ID: 44704.D

Sample wt/vol: 1.75 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1124

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	571	U
74-95-3	Dibromomethane	571	U
75-27-4	Bromodichloromethane	571	U
10061-01-5	cis-1,3-Dichloropropene	571	U
108-10-1	4-Methyl-2-pentanone	1140	U
108-88-3	Toluene	571	U
10061-02-6	trans-1,3-Dichloropropene	571	U
79-00-5	1,1,2-Trichloroethane	571	U
127-18-4	Tetrachloroethene	1430	U
142-28-9	1,3-Dichloropropane	571	U
591-78-6	2-Hexanone	1140	U
124-48-1	Dibromochloromethane	571	U
106-93-4	1,2-Dibromoethane(EDB)	571	U
108-90-7	Chlorobenzene	571	U
630-20-6	1,1,1,2-Tetrachloroethane	571	U
100-41-4	Ethylbenzene	571	U
511-39-00	p,m-Xylene	1140	U
95-47-6	o-Xylene	571	U
100-42-5	Styrene	571	U
75-25-2	Bromoform	1430	U
98-82-8	Isopropylbenzene (Cumene)	571	U
108-86-1	Bromobenzene	571	U
79-34-5	1,1,2,2-Tetrachloroethane	571	U
96-18-4	1,2,3-Trichloropropane	571	U
103-65-1	n-Propylbenzene	571	U
95-49-8	2-Chlorotoluene	571	U
106-43-4	4-Chlorotoluene	571	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744704 Lab File ID: 44704.D

Sample wt/vol: 1.75 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1124

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	571	U
98-06-6	tert-Butylbenzene	571	U
95-63-6	1,2,4-Trimethylbenzene	571	U
135-98-8	sec-Butylbenzene	571	U
541-73-1	1,3-Dichlorobenzene	571	U
106-46-7	1,4-Dichlorobenzene	571	U
99-87-6	4-Isopropyltoluene	571	U
104-51-8	n-Butylbenzene	571	U
95-50-1	1,2-Dichlorobenzene	571	U
96-12-8	1,2-Dibromo-3-chloropropane	2860	U
120-82-1	1,2,4-Trichlorobenzene	571	U
87-68-3	Hexachlorobutadiene	857	U
91-20-3	Naphthalene	214	J
87-61-6	1,2,3-Trichlorobenzene	571	U
1634-04-4	MTBE	571	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705 Lab File ID: 44705.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1057

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	709	U
74-87-3	Chloromethane	709	U
75-01-4	Vinyl chloride	709	U
74-83-9	Bromomethane	709	U
75-00-3	Chloroethane	1770	U
75-69-4	Trichlorofluoromethane	709	U
75-35-4	1,1-Dichloroethene	709	U
107-02-8	Acrolein	8860	U
74-88-4	Methyl iodide	709	U
75-15-0	Carbon disulfide	709	U
75-09-2	Methylene chloride	1770	U
156-60-5	trans-1,2-Dichloroethene	709	U
107-13-1	Acrylonitrile	1770	U
75-34-3	1,1-Dichloroethane	709	U
67-64-1	Acetone	3550	U
594-20-7	2,2-Dichloropropane	709	U
156-59-2	cis-1,2-Dichloroethene	709	U
74-97-5	Bromochloromethane	709	U
78-93-3	2-Butanone	3550	U
67-66-3	Chloroform	709	U
71-55-6	1,1,1-Trichloroethane	709	U
56-23-5	Carbon tetrachloride	709	U
563-58-6	1,1-Dichloropropene	709	U
71-43-2	Benzene	709	U
107-06-2	1,2-Dichloroethane	709	U
79-01-6	Trichloroethene	709	U
108-05-4	Vinyl acetate	1420	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705 Lab File ID: 44705.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1057

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	709	U
74-95-3	Dibromomethane	709	U
75-27-4	Bromodichloromethane	709	U
10061-01-5	cis-1,3-Dichloropropene	709	U
108-10-1	4-Methyl-2-pentanone	1420	U
108-88-3	Toluene	709	U
10061-02-6	trans-1,3-Dichloropropene	709	U
79-00-5	1,1,2-Trichloroethane	709	U
127-18-4	Tetrachloroethene	1770	U
142-28-9	1,3-Dichloropropane	709	U
591-78-6	2-Hexanone	1420	U
124-48-1	Dibromochloromethane	709	U
106-93-4	1,2-Dibromoethane(EDB)	709	U
108-90-7	Chlorobenzene	709	U
630-20-6	1,1,1,2-Tetrachloroethane	709	U
100-41-4	Ethylbenzene	709	U
511-39-00	p,m-Xylene	1420	U
95-47-6	o-Xylene	709	U
100-42-5	Styrene	709	U
75-25-2	Bromoform	1770	U
98-82-8	Isopropylbenzene (Cumene)	709	U
108-86-1	Bromobenzene	709	U
79-34-5	1,1,2,2-Tetrachloroethane	709	U
96-18-4	1,2,3-Trichloropropane	709	U
103-65-1	n-Propylbenzene	709	U
95-49-8	2-Chlorotoluene	709	U
106-43-4	4-Chlorotoluene	709	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744705 Lab File ID: 44705.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1057

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	709	U
98-06-6	tert-Butylbenzene	709	U
95-63-6	1,2,4-Trimethylbenzene	709	U
135-98-8	sec-Butylbenzene	709	U
541-73-1	1,3-Dichlorobenzene	709	U
106-46-7	1,4-Dichlorobenzene	709	U
99-87-6	4-Isopropyltoluene	709	U
104-51-8	n-Butylbenzene	709	U
95-50-1	1,2-Dichlorobenzene	709	U
96-12-8	1,2-Dibromo-3-chloropropane	3550	U
120-82-1	1,2,4-Trichlorobenzene	709	U
87-68-3	Hexachlorobutadiene	1060	U
91-20-3	Naphthalene	709	U
87-61-6	1,2,3-Trichlorobenzene	709	U
1634-04-4	MTBE	709	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706 Lab File ID: 44706.D

Sample wt/vol: 1.8 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1030

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	556	U
74-87-3	Chloromethane	556	U
75-01-4	Vinyl chloride	556	U
74-83-9	Bromomethane	556	U
75-00-3	Chloroethane	1390	U
75-69-4	Trichlorofluoromethane	556	U
75-35-4	1,1-Dichloroethene	556	U
107-02-8	Acrolein	6940	U
74-88-4	Methyl iodide	556	U
75-15-0	Carbon disulfide	556	U
75-09-2	Methylene chloride	1390	U
156-60-5	trans-1,2-Dichloroethene	556	U
107-13-1	Acrylonitrile	1390	U
75-34-3	1,1-Dichloroethane	556	U
67-64-1	Acetone	13800	
594-20-7	2,2-Dichloropropane	556	U
156-59-2	cis-1,2-Dichloroethene	556	U
74-97-5	Bromochloromethane	556	U
78-93-3	2-Butanone	1920	J
67-66-3	Chloroform	556	U
71-55-6	1,1,1-Trichloroethane	556	U
56-23-5	Carbon tetrachloride	556	U
563-58-6	1,1-Dichloropropene	556	U
71-43-2	Benzene	556	U
107-06-2	1,2-Dichloroethane	556	U
79-01-6	Trichloroethene	556	U
108-05-4	Vinyl acetate	1110	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706 Lab File ID: 44706.D

Sample wt/vol: 1.8 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1030

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	556	U
74-95-3	Dibromomethane	556	U
75-27-4	Bromodichloromethane	556	U
10061-01-5	cis-1,3-Dichloropropene	556	U
108-10-1	4-Methyl-2-pentanone	1110	U
108-88-3	Toluene	556	U
10061-02-6	trans-1,3-Dichloropropene	556	U
79-00-5	1,1,2-Trichloroethane	556	U
127-18-4	Tetrachloroethene	1390	U
142-28-9	1,3-Dichloropropane	556	U
591-78-6	2-Hexanone	1110	U
124-48-1	Dibromochloromethane	556	U
106-93-4	1,2-Dibromoethane(EDB)	556	U
108-90-7	Chlorobenzene	556	U
630-20-6	1,1,1,2-Tetrachloroethane	556	U
100-41-4	Ethylbenzene	556	U
511-39-00	p,m-Xylene	1110	U
95-47-6	o-Xylene	556	U
100-42-5	Styrene	556	U
75-25-2	Bromoform	1390	U
98-82-8	Isopropylbenzene (Cumene)	556	U
108-86-1	Bromobenzene	556	U
79-34-5	1,1,2,2-Tetrachloroethane	556	U
96-18-4	1,2,3-Trichloropropane	556	U
103-65-1	n-Propylbenzene	556	U
95-49-8	2-Chlorotoluene	556	U
106-43-4	4-Chlorotoluene	556	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744706 Lab File ID: 44706.D

Sample wt/vol: 1.8 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1030

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	556	U
98-06-6	tert-Butylbenzene	556	U
95-63-6	1,2,4-Trimethylbenzene	556	U
135-98-8	sec-Butylbenzene	556	U
541-73-1	1,3-Dichlorobenzene	556	U
106-46-7	1,4-Dichlorobenzene	556	U
99-87-6	4-Isopropyltoluene	118	J
104-51-8	n-Butylbenzene	556	U
95-50-1	1,2-Dichlorobenzene	776	
96-12-8	1,2-Dibromo-3-chloropropane	2780	U
120-82-1	1,2,4-Trichlorobenzene	332	J
87-68-3	Hexachlorobutadiene	833	U
91-20-3	Naphthalene	2390	
87-61-6	1,2,3-Trichlorobenzene	556	U
1634-04-4	MTBE	556	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-19

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707 Lab File ID: 44707.D

Sample wt/vol: 1.95 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1002

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	513	U
74-87-3	Chloromethane	513	U
75-01-4	Vinyl chloride	513	U
74-83-9	Bromomethane	513	U
75-00-3	Chloroethane	1280	U
75-69-4	Trichlorofluoromethane	513	U
75-35-4	1,1-Dichloroethene	513	U
107-02-8	Acrolein	6410	U
74-88-4	Methyl iodide	513	U
75-15-0	Carbon disulfide	513	U
75-09-2	Methylene chloride	1280	U
156-60-5	trans-1,2-Dichloroethene	513	U
107-13-1	Acrylonitrile	1280	U
75-34-3	1,1-Dichloroethane	513	U
67-64-1	Acetone	2560	U
594-20-7	2,2-Dichloropropane	513	U
156-59-2	cis-1,2-Dichloroethene	513	U
74-97-5	Bromochloromethane	513	U
78-93-3	2-Butanone	2560	U
67-66-3	Chloroform	513	U
71-55-6	1,1,1-Trichloroethane	513	U
56-23-5	Carbon tetrachloride	513	U
563-58-6	1,1-Dichloropropene	513	U
71-43-2	Benzene	513	U
107-06-2	1,2-Dichloroethane	513	U
79-01-6	Trichloroethene	513	U
108-05-4	Vinyl acetate	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-19

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707 Lab File ID: 44707.D

Sample wt/vol: 1.95 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1002

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	513	U
74-95-3	Dibromomethane	513	U
75-27-4	Bromodichloromethane	513	U
10061-01-5	cis-1,3-Dichloropropene	513	U
108-10-1	4-Methyl-2-pentanone	1020	U
108-88-3	Toluene	513	U
10061-02-6	trans-1,3-Dichloropropene	513	U
79-00-5	1,1,2-Trichloroethane	513	U
127-18-4	Tetrachloroethene	1280	U
142-28-9	1,3-Dichloropropane	513	U
591-78-6	2-Hexanone	1020	U
124-48-1	Dibromochloromethane	513	U
106-93-4	1,2-Dibromoethane(EDB)	513	U
108-90-7	Chlorobenzene	513	U
630-20-6	1,1,1,2-Tetrachloroethane	513	U
100-41-4	Ethylbenzene	513	U
511-39-00	p,m-Xylene	1020	U
95-47-6	o-Xylene	513	U
100-42-5	Styrene	513	U
75-25-2	Bromoform	1280	U
98-82-8	Isopropylbenzene (Cumene)	181	J
108-86-1	Bromobenzene	513	U
79-34-5	1,1,2,2-Tetrachloroethane	513	U
96-18-4	1,2,3-Trichloropropane	513	U
103-65-1	n-Propylbenzene	513	U
95-49-8	2-Chlorotoluene	513	U
106-43-4	4-Chlorotoluene	513	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-19

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507447

Matrix: SOIL Lab Sample ID: 250744707 Lab File ID: 44707.D

Sample wt/vol: 1.95 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1002

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	513	U
98-06-6	tert-Butylbenzene	513	U
95-63-6	1,2,4-Trimethylbenzene	513	U
135-98-8	sec-Butylbenzene	513	U
541-73-1	1,3-Dichlorobenzene	513	U
106-46-7	1,4-Dichlorobenzene	513	U
99-87-6	4-Isopropyltoluene	513	U
104-51-8	n-Butylbenzene	513	U
95-50-1	1,2-Dichlorobenzene	173	J
96-12-8	1,2-Dibromo-3-chloropropane	2560	U
120-82-1	1,2,4-Trichlorobenzene	513	U
87-68-3	Hexachlorobutadiene	769	U
91-20-3	Naphthalene	655	
87-61-6	1,2,3-Trichlorobenzene	513	U
1634-04-4	MTBE	513	U

Darcy Weisman

To: Russell Henderson (RHenderson@tnainc.com)

Cc: 'Lou Von Oldenburg'

Subject: FW: 2507447 -8270

Good afternoon.

-----Original Message-----
From: Brian Spann
Sent: Tuesday, September 04, 2007 2:16 PM
To: Project Managers
Subject: 2507447 -8270

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy) methane, Bis(2-Chloroethyl)ether, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 2,6-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Nitrophenol, bis(2-ethylhexyl)phthalate, Di-n-octylphthalate.

Surrogates:
The following samples had some surrogates that were diluted out: NPP-T-1 NPP-T-19 NPP-T-19MS NPP-T-2 NPP-T-21 NPP-T-22 NPP-T-23 NPP-T-27 see form 2 for details.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 351LCS was analyzed with the soil samples extracted on 08/27/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), and the following analyte(s) were recovered above criteria: 1,2-Dichlorobenzene at 99.8 % with criteria of (65-95). The following analyte(s) had marginal exceedance limit failures: 1,3-Dichlorobenzene at 106 % with criteria of (61.5-105.5), 2,4-Dinitrophenol at 0 % with criteria of (12.2-146.8).

All samples could only be brought to a final volume of 10mL. It was attempted to bring the extract to a final volume of 1mL, however due to the nature of the samples PEL was unable to achieve a lower volume than the 10mL final volume that is reported. The samples also required a 1:10 dilution for analysis due to the sample's viscosity and matrix interference.

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PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/25/2007 9:30:00 AM
Date Reported:	9/10/2007
Laboratory Submission Number/SDG:	2507449
Project:	National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative c the qualities of apparently identical or similar materials

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EXECUTIVE SUMMARY - Detection Highlights

2507449

SAMPLE ID: NPP D100

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	10.8	0.962	MG/KG	SW6010B
Arsenic	0.677 B	0.962	MG/KG	SW6010B
Calcium	21.9	9.62	MG/KG	SW6010B
Iron	592	4.81	MG/KG	SW6010B
Magnesium	6.21 B	9.62	MG/KG	SW6010B
Manganese	2.48	0.481	MG/KG	SW6010B
Nickel	0.433 B	0.481	MG/KG	SW6010B
Potassium	53.4	48.1	MG/KG	SW6010B
Selenium	1.94	0.962	MG/KG	SW6010B
Sodium	400	28.8	MG/KG	SW6010B
Zinc	3.78	0.962	MG/KG	SW6010B
Acetone	3170 J	3600	UG/KG	SW8260B
Naphthalene	3680	719	UG/KG	SW8260B
p,m-Xylene	699 J	1440	UG/KG	SW8260B
Toluene	328 J	719	UG/KG	SW8260B

SAMPLE ID: NPP D102

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	17.4	0.963	MG/KG	SW6010B
Arsenic	0.826 B	0.963	MG/KG	SW6010B
Calcium	20	9.63	MG/KG	SW6010B
Iron	410	4.82	MG/KG	SW6010B
Magnesium	6.72 B	9.63	MG/KG	SW6010B
Manganese	2.12	0.482	MG/KG	SW6010B
Nickel	0.578	0.482	MG/KG	SW6010B
Potassium	68.3	48.2	MG/KG	SW6010B
Selenium	1.54	0.963	MG/KG	SW6010B
Sodium	457	28.9	MG/KG	SW6010B
Zinc	4.73	0.963	MG/KG	SW6010B
Naphthalene	3270	671	UG/KG	SW8260B
p,m-Xylene	577 J	1340	UG/KG	SW8260B
Toluene	323 J	671	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507449

SAMPLE ID: NPP D104

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	22.1	0.975	MG/KG	SW6010B
Calcium	22.6	9.75	MG/KG	SW6010B
Chromium	0.232 B	0.487	MG/KG	SW6010B
Iron	915	4.87	MG/KG	SW6010B
Magnesium	6.39 B	9.75	MG/KG	SW6010B
Manganese	2.93	0.487	MG/KG	SW6010B
Nickel	0.513	0.487	MG/KG	SW6010B
Potassium	53.2	48.7	MG/KG	SW6010B
Selenium	1.51	0.975	MG/KG	SW6010B
Sodium	407	29.2	MG/KG	SW6010B
Zinc	3.54	0.975	MG/KG	SW6010B
Acetone	3300 J	3500	UG/KG	SW8260B
Naphthalene	3590	699	UG/KG	SW8260B
p,m-Xylene	533 J	1400	UG/KG	SW8260B
Toluene	337 J	699	UG/KG	SW8260B

SAMPLE ID: NPP D105

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	15.5	1	MG/KG	SW6010B
Arsenic	0.584 B	1	MG/KG	SW6010B
Cadmium	0.0723 B	0.5	MG/KG	SW6010B
Calcium	20.5	10	MG/KG	SW6010B
Chromium	0.177 B	0.5	MG/KG	SW6010B
Iron	605	5	MG/KG	SW6010B
Magnesium	6.13 B	10	MG/KG	SW6010B
Manganese	3.12	0.5	MG/KG	SW6010B
Nickel	0.484 B	0.5	MG/KG	SW6010B
Potassium	62.1	50	MG/KG	SW6010B
Selenium	1.22	1	MG/KG	SW6010B
Sodium	396	30	MG/KG	SW6010B
Zinc	3.41	1	MG/KG	SW6010B
Acetone	2810 J	3500	UG/KG	SW8260B
Naphthalene	3260	699	UG/KG	SW8260B
p,m-Xylene	642 J	1400	UG/KG	SW8260B
Toluene	298 J	699	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507449

SAMPLE ID: NPP D106

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	12.9	0.971	MG/KG	SW6010B
Arsenic	0.732 B	0.971	MG/KG	SW6010B
Calcium	20	9.71	MG/KG	SW6010B
Chromium	1.21	0.485	MG/KG	SW6010B
Iron	3510	4.85	MG/KG	SW6010B
Magnesium	5.34 B	9.71	MG/KG	SW6010B
Manganese	11	0.485	MG/KG	SW6010B
Potassium	51.4	48.5	MG/KG	SW6010B
Selenium	1.72	0.971	MG/KG	SW6010B
Sodium	394	29.1	MG/KG	SW6010B
Zinc	2.86	0.971	MG/KG	SW6010B
Naphthalene	3240	714	UG/KG	SW8260B
p,m-Xylene	531 J	1430	UG/KG	SW8260B
Toluene	291 J	714	UG/KG	SW8260B

SAMPLE ID: NPP D107

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	40.1	0.965	MG/KG	SW6010B
Arsenic	0.814 B	0.965	MG/KG	SW6010B
Calcium	22.3	9.65	MG/KG	SW6010B
Iron	197	4.83	MG/KG	SW6010B
Magnesium	6.26 B	9.65	MG/KG	SW6010B
Manganese	1.59	0.483	MG/KG	SW6010B
Nickel	0.615	0.483	MG/KG	SW6010B
Potassium	62.6	48.3	MG/KG	SW6010B
Selenium	1.53	0.965	MG/KG	SW6010B
Sodium	386	29	MG/KG	SW6010B
Zinc	3.22	0.965	MG/KG	SW6010B
Acetone	2670 J	3360	UG/KG	SW8260B
Naphthalene	2760	671	UG/KG	SW8260B
p,m-Xylene	586 J	1340	UG/KG	SW8260B
Toluene	301 J	671	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507449

SAMPLE ID: NPP D109

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	15.9	0.967	MG/KG	SW6010B
Arsenic	0.771 B	0.967	MG/KG	SW6010B
Cadmium	0.0604 B	0.484	MG/KG	SW6010B
Calcium	19.6	9.67	MG/KG	SW6010B
Chromium	0.726	0.484	MG/KG	SW6010B
Iron	2400	4.84	MG/KG	SW6010B
Magnesium	5.7 B	9.67	MG/KG	SW6010B
Manganese	5.44	0.484	MG/KG	SW6010B
Nickel	0.5	0.484	MG/KG	SW6010B
Potassium	50.7	48.4	MG/KG	SW6010B
Selenium	1.44	0.967	MG/KG	SW6010B
Sodium	388	29	MG/KG	SW6010B
Zinc	2.93	0.967	MG/KG	SW6010B
Acetone	3320 J	3500	UG/KG	SW8260B
Naphthalene	3390	699	UG/KG	SW8260B
p,m-Xylene	607 J	1400	UG/KG	SW8260B
Toluene	327 J	699	UG/KG	SW8260B

SAMPLE ID: NPP D110

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	41.3	0.969	MG/KG	SW6010B
Arsenic	1.12	0.969	MG/KG	SW6010B
Calcium	20	9.69	MG/KG	SW6010B
Iron	146	4.84	MG/KG	SW6010B
Magnesium	6.34 B	9.69	MG/KG	SW6010B
Manganese	1.52	0.484	MG/KG	SW6010B
Nickel	0.597	0.484	MG/KG	SW6010B
Potassium	54.9	48.4	MG/KG	SW6010B
Selenium	0.936 B	0.969	MG/KG	SW6010B
Sodium	393	29.1	MG/KG	SW6010B
Zinc	4.81	0.969	MG/KG	SW6010B
Naphthalene	3610	758	UG/KG	SW8260B
p,m-Xylene	672 J	1520	UG/KG	SW8260B
Toluene	342 J	758	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPP D111

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.26 B	9.86	MG/KG	SW6010B
Antimony	26.6	0.986	MG/KG	SW6010B
Arsenic	1.02	0.986	MG/KG	SW6010B
Calcium	15.1	9.86	MG/KG	SW6010B
Chromium	1.36	0.493	MG/KG	SW6010B
Iron	1020	4.93	MG/KG	SW6010B
Manganese	3.35	0.493	MG/KG	SW6010B
Nickel	0.513	0.493	MG/KG	SW6010B
Potassium	2120	49.3	MG/KG	SW6010B
Selenium	1.33	0.986	MG/KG	SW6010B
Sodium	3560	29.6	MG/KG	SW6010B
Vanadium	0.247 B	0.493	MG/KG	SW6010B
Zinc	1.91	0.986	MG/KG	SW6010B
Mercury	0.00742 B	0.0196	MG/KG	SW7470A
Acetone	46400	3910	UG/KG	SW8260B
Naphthalene	2500	781	UG/KG	SW8260B
Toluene	876	781	UG/KG	SW8260B

SAMPLE ID: NPP D112

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	15.8	0.973	MG/KG	SW6010B
Arsenic	1.07	0.973	MG/KG	SW6010B
Calcium	17.8	9.73	MG/KG	SW6010B
Chromium	0.965	0.486	MG/KG	SW6010B
Iron	3440	4.86	MG/KG	SW6010B
Magnesium	4.67 B	9.73	MG/KG	SW6010B
Manganese	12.5	0.486	MG/KG	SW6010B
Potassium	136	48.6	MG/KG	SW6010B
Selenium	1.67	0.973	MG/KG	SW6010B
Sodium	423	29.2	MG/KG	SW6010B
Zinc	2.66	0.973	MG/KG	SW6010B
Mercury	0.0049 B	0.0188	MG/KG	SW7470A
Naphthalene	3100	676	UG/KG	SW8260B
p,m-Xylene	617 J	1350	UG/KG	SW8260B

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Toluene	288 J	676	UG/KG	SW8260B

SAMPLE ID: NPP D31

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.03	0.976	MG/KG	SW6010B
Barium	0.42 B	0.488	MG/KG	SW6010B
Calcium	154	9.76	MG/KG	SW6010B
Copper	0.39 B	0.488	MG/KG	SW6010B
Iron	28.2	4.88	MG/KG	SW6010B
Magnesium	9.43 B	9.76	MG/KG	SW6010B
Manganese	0.224 B	0.488	MG/KG	SW6010B
Potassium	23.3 B	48.8	MG/KG	SW6010B
Sodium	23.8 B	29.3	MG/KG	SW6010B
Zinc	95.8	0.976	MG/KG	SW6010B
1,2,4-Trimethylbenzene	5190	1410	UG/KG	SW8260B
Ethylbenzene	4300	1410	UG/KG	SW8260B
Naphthalene	37500	1410	UG/KG	SW8260B
n-Butylbenzene	1360 J	1410	UG/KG	SW8260B
n-Propylbenzene	267 J	1410	UG/KG	SW8260B
o-Xylene	6770	1410	UG/KG	SW8260B
p,m-Xylene	15700	2820	UG/KG	SW8260B
Toluene	13500	1410	UG/KG	SW8260B

SAMPLE ID: NPP D32

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	4.36 B	9.96	MG/KG	SW6010B
Antimony	3.32	0.996	MG/KG	SW6010B
Barium	1.59	0.498	MG/KG	SW6010B
Calcium	526	9.96	MG/KG	SW6010B
Copper	0.655	0.498	MG/KG	SW6010B
Iron	61.4	4.98	MG/KG	SW6010B
Magnesium	50.8	9.96	MG/KG	SW6010B
Manganese	0.898	0.498	MG/KG	SW6010B
Potassium	76.3	49.8	MG/KG	SW6010B
Sodium	66.4	29.9	MG/KG	SW6010B
Zinc	173	0.996	MG/KG	SW6010B
1,2,4-Trimethylbenzene	4720	1520	UG/KG	SW8260B

EXECUTIVE SUMMARY - Detection Highlights

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Ethylbenzene	4200	1520	UG/KG	SW8260B
Naphthalene	35300	1520	UG/KG	SW8260B
n-Butylbenzene	1330 J	1520	UG/KG	SW8260B
o-Xylene	6240	1520	UG/KG	SW8260B
p,m-Xylene	15700	3030	UG/KG	SW8260B
Toluene	12700	1520	UG/KG	SW8260B

SAMPLE ID: NPP D33

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	47.3	9.96	MG/KG	SW6010B
Copper	0.269 B	0.498	MG/KG	SW6010B
Iron	10.9	4.98	MG/KG	SW6010B
Potassium	16 B	49.8	MG/KG	SW6010B
Sodium	21.1 B	29.9	MG/KG	SW6010B
Zinc	58	0.996	MG/KG	SW6010B
1,2,4-Trimethylbenzene	4450	1520	UG/KG	SW8260B
1,3,5-Trimethylbenzene	1250 J	1520	UG/KG	SW8260B
Ethylbenzene	3870	1520	UG/KG	SW8260B
Naphthalene	32800	1520	UG/KG	SW8260B
n-Butylbenzene	1450 J	1520	UG/KG	SW8260B
o-Xylene	5610	1520	UG/KG	SW8260B
p,m-Xylene	14000	3030	UG/KG	SW8260B
Toluene	11700	1520	UG/KG	SW8260B

SAMPLE ID: NPP D34

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	80.9	9.76	MG/KG	SW6010B
Copper	0.329 B	0.488	MG/KG	SW6010B
Iron	16.1	4.88	MG/KG	SW6010B
Potassium	15.2 B	48.8	MG/KG	SW6010B
Selenium	0.738 B	0.976	MG/KG	SW6010B
Sodium	14.1 B	29.3	MG/KG	SW6010B
Zinc	70.7	0.976	MG/KG	SW6010B
1,2,4-Trimethylbenzene	4920	1370	UG/KG	SW8260B
1,3,5-Trimethylbenzene	1360 J	1370	UG/KG	SW8260B
4-Isopropyltoluene	273 J	1370	UG/KG	SW8260B
Ethylbenzene	4490	1370	UG/KG	SW8260B

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Naphthalene	36300	1370	UG/KG	SW8260B
n-Butylbenzene	1490	1370	UG/KG	SW8260B
o-Xylene	6400	1370	UG/KG	SW8260B
p,m-Xylene	15800	2740	UG/KG	SW8260B
Toluene	13000	1370	UG/KG	SW8260B

SAMPLE ID: NPP D4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	32.3	0.975	MG/KG	SW6010B
Arsenic	3.89	0.975	MG/KG	SW6010B
Calcium	32.7	9.75	MG/KG	SW6010B
Chromium	0.189 B	0.487	MG/KG	SW6010B
Iron	24.3	4.87	MG/KG	SW6010B
Magnesium	13.1	9.75	MG/KG	SW6010B
Manganese	1.76	0.487	MG/KG	SW6010B
Potassium	2000	48.7	MG/KG	SW6010B
Selenium	0.836 B	0.975	MG/KG	SW6010B
Zinc	0.984	0.975	MG/KG	SW6010B
Mercury	0.00412 B	0.0194	MG/KG	SW7470A
Phenol	304000 J	1670000	UG/KG	SW8270C

SAMPLE ID: NPP D4DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	38000	146	MG/KG	SW6010B

SAMPLE ID: NPP D90

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	3.12 B	9.76	MG/KG	SW6010B
Antimony	29.5	0.976	MG/KG	SW6010B
Arsenic	2.04	0.976	MG/KG	SW6010B
Barium	0.402 B	0.488	MG/KG	SW6010B
Cadmium	0.052 B	0.488	MG/KG	SW6010B
Calcium	36.9	9.76	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Chromium	0.276 B	0.488	MG/KG	SW6010B
Copper	0.209 B	0.488	MG/KG	SW6010B
Iron	125	4.88	MG/KG	SW6010B
Lead	0.696	0.664	MG/KG	SW6010B
Magnesium	22.2	9.76	MG/KG	SW6010B
Manganese	2.52	0.488	MG/KG	SW6010B
Potassium	2300	48.8	MG/KG	SW6010B
Selenium	0.845 B	0.976	MG/KG	SW6010B
Sodium	22700	29.3	MG/KG	SW6010B
Zinc	1.66	0.976	MG/KG	SW6010B
Isopropylbenzene (Cume	215 J	735	UG/KG	SW8260B
Naphthalene	408 J	735	UG/KG	SW8260B
p,m-Xylene	1880	1470	UG/KG	SW8260B
Phenol	366000 J	1720000	UG/KG	SW8270C

SAMPLE ID: NPP D97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.57 B	9.84	MG/KG	SW6010B
Antimony	26.8	0.984	MG/KG	SW6010B
Arsenic	1.03	0.984	MG/KG	SW6010B
Calcium	19.6	9.84	MG/KG	SW6010B
Chromium	6.17	0.492	MG/KG	SW6010B
Iron	7030	4.92	MG/KG	SW6010B
Magnesium	4.07 B	9.84	MG/KG	SW6010B
Manganese	23.6	0.492	MG/KG	SW6010B
Nickel	0.188 B	0.492	MG/KG	SW6010B
Potassium	50.5	49.2	MG/KG	SW6010B
Selenium	2.07	0.984	MG/KG	SW6010B
Sodium	411	29.5	MG/KG	SW6010B
Zinc	3.04	0.984	MG/KG	SW6010B
Acetone	4410	3680	UG/KG	SW8260B
Naphthalene	3550	735	UG/KG	SW8260B
p,m-Xylene	724 J	1470	UG/KG	SW8260B
Toluene	267 J	735	UG/KG	SW8260B

SAMPLE ID: NPP D99

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD

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EXECUTIVE SUMMARY - Detection Highlights

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Antimony	9.15	0.975	MG/KG	SW6010B
Arsenic	0.913 B	0.975	MG/KG	SW6010B
Calcium	22.3	9.75	MG/KG	SW6010B
Chromium	0.225 B	0.487	MG/KG	SW6010B
Iron	628	4.87	MG/KG	SW6010B
Magnesium	6.65 B	9.75	MG/KG	SW6010B
Manganese	3.89	0.487	MG/KG	SW6010B
Nickel	0.501	0.487	MG/KG	SW6010B
Potassium	55.2	48.7	MG/KG	SW6010B
Selenium	1.41	0.975	MG/KG	SW6010B
Sodium	406	29.2	MG/KG	SW6010B
Zinc	3.19	0.975	MG/KG	SW6010B
Mercury	0.0125 B	0.0188	MG/KG	SW7470A
Acetone	3100 J	3550	UG/KG	SW8260B
Naphthalene	3380	709	UG/KG	SW8260B
o-Xylene	271 J	709	UG/KG	SW8260B
p,m-Xylene	869 J	1420	UG/KG	SW8260B
Toluene	338 J	709	UG/KG	SW8260B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

100907 1458

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All samples were analyzed high level.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/04/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Method: 8260

EPA Sample No	Lab Sample ID
NPP D33	250744901
NPP D34	250744902
NPP D90	250744903
NPP D4	250744904
NPP D32	250744905
NPP D31	250744906
NPP D97	250744907
NPP D100	250744908
NPP D105	250744909
NPP D107	250744910
NPP D106	250744911
NPP D99	250744912
NPP D109	250744913
NPP D110	250744914
NPP D102	250744915
NPP D104	250744916
NPP D111	250744917
NPP D112	250744918

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D33

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744901 Lab File ID: 44901.D

Sample wt/vol: 0.66 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1333

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1520	U
74-87-3	Chloromethane	1520	U
75-01-4	Vinyl chloride	1520	U
74-83-9	Bromomethane	1520	U
75-00-3	Chloroethane	3790	U
75-69-4	Trichlorofluoromethane	1520	U
75-35-4	1,1-Dichloroethene	1520	U
107-02-8	Acrolein	18900	U
74-88-4	Methyl iodide	1520	U
75-15-0	Carbon disulfide	1520	U
75-09-2	Methylene chloride	3790	U
156-60-5	trans-1,2-Dichloroethene	1520	U
107-13-1	Acrylonitrile	3790	U
75-34-3	1,1-Dichloroethane	1520	U
67-64-1	Acetone	7580	U
594-20-7	2,2-Dichloropropane	1520	U
156-59-2	cis-1,2-Dichloroethene	1520	U
74-97-5	Bromochloromethane	1520	U
78-93-3	2-Butanone	7580	U
67-66-3	Chloroform	1520	U
71-55-6	1,1,1-Trichloroethane	1520	U
56-23-5	Carbon tetrachloride	1520	U
563-58-6	1,1-Dichloropropene	1520	U
71-43-2	Benzene	1520	U
107-06-2	1,2-Dichloroethane	1520	U
79-01-6	Trichloroethene	1520	U
108-05-4	Vinyl acetate	3030	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D33

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744901 Lab File ID: 44901.D

Sample wt/vol: 0.66 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1333

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1520	U
74-95-3	Dibromomethane	1520	U
75-27-4	Bromodichloromethane	1520	U
10061-01-5	cis-1,3-Dichloropropene	1520	U
108-10-1	4-Methyl-2-pentanone	3030	U
108-88-3	Toluene	11700	
10061-02-6	trans-1,3-Dichloropropene	1520	U
79-00-5	1,1,2-Trichloroethane	1520	U
127-18-4	Tetrachloroethene	3790	U
142-28-9	1,3-Dichloropropane	1520	U
591-78-6	2-Hexanone	3030	U
124-48-1	Dibromochloromethane	1520	U
106-93-4	1,2-Dibromoethane(EDB)	1520	U
108-90-7	Chlorobenzene	1520	U
630-20-6	1,1,1,2-Tetrachloroethane	1520	U
100-41-4	Ethylbenzene	3870	
511-39-00	p,m-Xylene	14000	
95-47-6	o-Xylene	5610	
100-42-5	Styrene	1520	U
75-25-2	Bromoform	3790	U
98-82-8	Isopropylbenzene (Cumene)	1520	U
108-86-1	Bromobenzene	1520	U
79-34-5	1,1,2,2-Tetrachloroethane	1520	U
96-18-4	1,2,3-Trichloropropane	1520	U
103-65-1	n-Propylbenzene	1520	U
95-49-8	2-Chlorotoluene	1520	U
106-43-4	4-Chlorotoluene	1520	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D33

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744901 Lab File ID: 44901.D

Sample wt/vol: 0.66 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1333

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1250	J
98-06-6	tert-Butylbenzene	1520	U
95-63-6	1,2,4-Trimethylbenzene	4450	
135-98-8	sec-Butylbenzene	1520	U
541-73-1	1,3-Dichlorobenzene	1520	U
106-46-7	1,4-Dichlorobenzene	1520	U
99-87-6	4-Isopropyltoluene	1520	U
104-51-8	n-Butylbenzene	1450	J
95-50-1	1,2-Dichlorobenzene	1520	U
96-12-8	1,2-Dibromo-3-chloropropane	7580	U
120-82-1	1,2,4-Trichlorobenzene	1520	U
87-68-3	Hexachlorobutadiene	2270	U
91-20-3	Naphthalene	32800	
87-61-6	1,2,3-Trichlorobenzene	1520	U
1634-04-4	MTBE	1520	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744902 Lab File ID: 44902.D

Sample wt/vol: 0.73 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1401

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1370	U
74-87-3	Chloromethane	1370	U
75-01-4	Vinyl chloride	1370	U
74-83-9	Bromomethane	1370	U
75-00-3	Chloroethane	3420	U
75-69-4	Trichlorofluoromethane	1370	U
75-35-4	1,1-Dichloroethene	1370	U
107-02-8	Acrolein	17100	U
74-88-4	Methyl iodide	1370	U
75-15-0	Carbon disulfide	1370	U
75-09-2	Methylene chloride	3420	U
156-60-5	trans-1,2-Dichloroethene	1370	U
107-13-1	Acrylonitrile	3420	U
75-34-3	1,1-Dichloroethane	1370	U
67-64-1	Acetone	6850	U
594-20-7	2,2-Dichloropropane	1370	U
156-59-2	cis-1,2-Dichloroethene	1370	U
74-97-5	Bromochloromethane	1370	U
78-93-3	2-Butanone	6850	U
67-66-3	Chloroform	1370	U
71-55-6	1,1,1-Trichloroethane	1370	U
56-23-5	Carbon tetrachloride	1370	U
563-58-6	1,1-Dichloropropene	1370	U
71-43-2	Benzene	1370	U
107-06-2	1,2-Dichloroethane	1370	U
79-01-6	Trichloroethene	1370	U
108-05-4	Vinyl acetate	2740	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744902 Lab File ID: 44902.D

Sample wt/vol: 0.73 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1401

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1370	U
74-95-3	Dibromomethane	1370	U
75-27-4	Bromodichloromethane	1370	U
10061-01-5	cis-1,3-Dichloropropene	1370	U
108-10-1	4-Methyl-2-pentanone	2740	U
108-88-3	Toluene	13000	
10061-02-6	trans-1,3-Dichloropropene	1370	U
79-00-5	1,1,2-Trichloroethane	1370	U
127-18-4	Tetrachloroethene	3420	U
142-28-9	1,3-Dichloropropane	1370	U
591-78-6	2-Hexanone	2740	U
124-48-1	Dibromochloromethane	1370	U
106-93-4	1,2-Dibromoethane(EDB)	1370	U
108-90-7	Chlorobenzene	1370	U
630-20-6	1,1,1,2-Tetrachloroethane	1370	U
100-41-4	Ethylbenzene	4490	
511-39-00	p,m-Xylene	15800	
95-47-6	o-Xylene	6400	
100-42-5	Styrene	1370	U
75-25-2	Bromoform	3420	U
98-82-8	Isopropylbenzene (Cumene)	1370	U
108-86-1	Bromobenzene	1370	U
79-34-5	1,1,2,2-Tetrachloroethane	1370	U
96-18-4	1,2,3-Trichloropropane	1370	U
103-65-1	n-Propylbenzene	1370	U
95-49-8	2-Chlorotoluene	1370	U
106-43-4	4-Chlorotoluene	1370	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744902 Lab File ID: 44902.D

Sample wt/vol: 0.73 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1401

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1360	J
98-06-6	tert-Butylbenzene	1370	U
95-63-6	1,2,4-Trimethylbenzene	4920	
135-98-8	sec-Butylbenzene	1370	U
541-73-1	1,3-Dichlorobenzene	1370	U
106-46-7	1,4-Dichlorobenzene	1370	U
99-87-6	4-Isopropyltoluene	273	J
104-51-8	n-Butylbenzene	1490	
95-50-1	1,2-Dichlorobenzene	1370	U
96-12-8	1,2-Dibromo-3-chloropropane	6850	U
120-82-1	1,2,4-Trichlorobenzene	1370	U
87-68-3	Hexachlorobutadiene	2050	U
91-20-3	Naphthalene	36300	
87-61-6	1,2,3-Trichlorobenzene	1370	U
1634-04-4	MTBE	1370	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D90

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744903 Lab File ID: 44903.D

Sample wt/vol: 1.36 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1429

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	735	U
74-87-3	Chloromethane	735	U
75-01-4	Vinyl chloride	735	U
74-83-9	Bromomethane	735	U
75-00-3	Chloroethane	1840	U
75-69-4	Trichlorofluoromethane	735	U
75-35-4	1,1-Dichloroethene	735	U
107-02-8	Acrolein	9190	U
74-88-4	Methyl iodide	735	U
75-15-0	Carbon disulfide	735	U
75-09-2	Methylene chloride	1840	U
156-60-5	trans-1,2-Dichloroethene	735	U
107-13-1	Acrylonitrile	1840	U
75-34-3	1,1-Dichloroethane	735	U
67-64-1	Acetone	3680	U
594-20-7	2,2-Dichloropropane	735	U
156-59-2	cis-1,2-Dichloroethene	735	U
74-97-5	Bromochloromethane	735	U
78-93-3	2-Butanone	3680	U
67-66-3	Chloroform	735	U
71-55-6	1,1,1-Trichloroethane	735	U
56-23-5	Carbon tetrachloride	735	U
563-58-6	1,1-Dichloropropene	735	U
71-43-2	Benzene	735	U
107-06-2	1,2-Dichloroethane	735	U
79-01-6	Trichloroethene	735	U
108-05-4	Vinyl acetate	1470	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D90

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744903 Lab File ID: 44903.D

Sample wt/vol: 1.36 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1429

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	735	U
74-95-3	Dibromomethane	735	U
75-27-4	Bromodichloromethane	735	U
10061-01-5	cis-1,3-Dichloropropene	735	U
108-10-1	4-Methyl-2-pentanone	1470	U
108-88-3	Toluene	735	U
10061-02-6	trans-1,3-Dichloropropene	735	U
79-00-5	1,1,2-Trichloroethane	735	U
127-18-4	Tetrachloroethene	1840	U
142-28-9	1,3-Dichloropropane	735	U
591-78-6	2-Hexanone	1470	U
124-48-1	Dibromochloromethane	735	U
106-93-4	1,2-Dibromoethane(EDB)	735	U
108-90-7	Chlorobenzene	735	U
630-20-6	1,1,1,2-Tetrachloroethane	735	U
100-41-4	Ethylbenzene	735	U
511-39-00	p,m-Xylene	1880	
95-47-6	o-Xylene	735	U
100-42-5	Styrene	735	U
75-25-2	Bromoform	1840	U
98-82-8	Isopropylbenzene (Cumene)	215	J
108-86-1	Bromobenzene	735	U
79-34-5	1,1,2,2-Tetrachloroethane	735	U
96-18-4	1,2,3-Trichloropropane	735	U
103-65-1	n-Propylbenzene	735	U
95-49-8	2-Chlorotoluene	735	U
106-43-4	4-Chlorotoluene	735	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D90

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744903 Lab File ID: 44903.D

Sample wt/vol: 1.36 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1429

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	735	U
98-06-6	tert-Butylbenzene	735	U
95-63-6	1,2,4-Trimethylbenzene	735	U
135-98-8	sec-Butylbenzene	735	U
541-73-1	1,3-Dichlorobenzene	735	U
106-46-7	1,4-Dichlorobenzene	735	U
99-87-6	4-Isopropyltoluene	735	U
104-51-8	n-Butylbenzene	735	U
95-50-1	1,2-Dichlorobenzene	735	U
96-12-8	1,2-Dibromo-3-chloropropane	3680	U
120-82-1	1,2,4-Trichlorobenzene	735	U
87-68-3	Hexachlorobutadiene	1100	U
91-20-3	Naphthalene	408	J
87-61-6	1,2,3-Trichlorobenzene	735	U
1634-04-4	MTBE	735	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744904 Lab File ID: 44904.D

Sample wt/vol: 0.98 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1456

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1020	U
74-87-3	Chloromethane	1020	U
75-01-4	Vinyl chloride	1020	U
74-83-9	Bromomethane	1020	U
75-00-3	Chloroethane	2550	U
75-69-4	Trichlorofluoromethane	1020	U
75-35-4	1,1-Dichloroethene	1020	U
107-02-8	Acrolein	12800	U
74-88-4	Methyl iodide	1020	U
75-15-0	Carbon disulfide	1020	U
75-09-2	Methylene chloride	2550	U
156-60-5	trans-1,2-Dichloroethene	1020	U
107-13-1	Acrylonitrile	2550	U
75-34-3	1,1-Dichloroethane	1020	U
67-64-1	Acetone	5100	U
594-20-7	2,2-Dichloropropane	1020	U
156-59-2	cis-1,2-Dichloroethene	1020	U
74-97-5	Bromochloromethane	1020	U
78-93-3	2-Butanone	5100	U
67-66-3	Chloroform	1020	U
71-55-6	1,1,1-Trichloroethane	1020	U
56-23-5	Carbon tetrachloride	1020	U
563-58-6	1,1-Dichloropropene	1020	U
71-43-2	Benzene	1020	U
107-06-2	1,2-Dichloroethane	1020	U
79-01-6	Trichloroethene	1020	U
108-05-4	Vinyl acetate	2040	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744904 Lab File ID: 44904.D

Sample wt/vol: 0.98 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1456

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1020	U
74-95-3	Dibromomethane	1020	U
75-27-4	Bromodichloromethane	1020	U
10061-01-5	cis-1,3-Dichloropropene	1020	U
108-10-1	4-Methyl-2-pentanone	2040	U
108-88-3	Toluene	1020	U
10061-02-6	trans-1,3-Dichloropropene	1020	U
79-00-5	1,1,2-Trichloroethane	1020	U
127-18-4	Tetrachloroethene	2550	U
142-28-9	1,3-Dichloropropane	1020	U
591-78-6	2-Hexanone	2040	U
124-48-1	Dibromochloromethane	1020	U
106-93-4	1,2-Dibromoethane(EDB)	1020	U
108-90-7	Chlorobenzene	1020	U
630-20-6	1,1,1,2-Tetrachloroethane	1020	U
100-41-4	Ethylbenzene	1020	U
511-39-00	p,m-Xylene	2040	U
95-47-6	o-Xylene	1020	U
100-42-5	Styrene	1020	U
75-25-2	Bromoform	2550	U
98-82-8	Isopropylbenzene (Cumene)	1020	U
108-86-1	Bromobenzene	1020	U
79-34-5	1,1,2,2-Tetrachloroethane	1020	U
96-18-4	1,2,3-Trichloropropane	1020	U
103-65-1	n-Propylbenzene	1020	U
95-49-8	2-Chlorotoluene	1020	U
106-43-4	4-Chlorotoluene	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744904 Lab File ID: 44904.D

Sample wt/vol: 0.98 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1456

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1020	U
98-06-6	tert-Butylbenzene	1020	U
95-63-6	1,2,4-Trimethylbenzene	1020	U
135-98-8	sec-Butylbenzene	1020	U
541-73-1	1,3-Dichlorobenzene	1020	U
106-46-7	1,4-Dichlorobenzene	1020	U
99-87-6	4-Isopropyltoluene	1020	U
104-51-8	n-Butylbenzene	1020	U
95-50-1	1,2-Dichlorobenzene	1020	U
96-12-8	1,2-Dibromo-3-chloropropane	5100	U
120-82-1	1,2,4-Trichlorobenzene	1020	U
87-68-3	Hexachlorobutadiene	1530	U
91-20-3	Naphthalene	1020	U
87-61-6	1,2,3-Trichlorobenzene	1020	U
1634-04-4	MTBE	1020	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744905 Lab File ID: 44905.D

Sample wt/vol: 0.66 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1524

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1520	U
74-87-3	Chloromethane	1520	U
75-01-4	Vinyl chloride	1520	U
74-83-9	Bromomethane	1520	U
75-00-3	Chloroethane	3790	U
75-69-4	Trichlorofluoromethane	1520	U
75-35-4	1,1-Dichloroethene	1520	U
107-02-8	Acrolein	18900	U
74-88-4	Methyl iodide	1520	U
75-15-0	Carbon disulfide	1520	U
75-09-2	Methylene chloride	3790	U
156-60-5	trans-1,2-Dichloroethene	1520	U
107-13-1	Acrylonitrile	3790	U
75-34-3	1,1-Dichloroethane	1520	U
67-64-1	Acetone	7580	U
594-20-7	2,2-Dichloropropane	1520	U
156-59-2	cis-1,2-Dichloroethene	1520	U
74-97-5	Bromochloromethane	1520	U
78-93-3	2-Butanone	7580	U
67-66-3	Chloroform	1520	U
71-55-6	1,1,1-Trichloroethane	1520	U
56-23-5	Carbon tetrachloride	1520	U
563-58-6	1,1-Dichloropropene	1520	U
71-43-2	Benzene	1520	U
107-06-2	1,2-Dichloroethane	1520	U
79-01-6	Trichloroethene	1520	U
108-05-4	Vinyl acetate	3030	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744905 Lab File ID: 44905.D

Sample wt/vol: 0.66 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1524

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1520	U
74-95-3	Dibromomethane	1520	U
75-27-4	Bromodichloromethane	1520	U
10061-01-5	cis-1,3-Dichloropropene	1520	U
108-10-1	4-Methyl-2-pentanone	3030	U
108-88-3	Toluene	12700	
10061-02-6	trans-1,3-Dichloropropene	1520	U
79-00-5	1,1,2-Trichloroethane	1520	U
127-18-4	Tetrachloroethene	3790	U
142-28-9	1,3-Dichloropropane	1520	U
591-78-6	2-Hexanone	3030	U
124-48-1	Dibromochloromethane	1520	U
106-93-4	1,2-Dibromoethane(EDB)	1520	U
108-90-7	Chlorobenzene	1520	U
630-20-6	1,1,1,2-Tetrachloroethane	1520	U
100-41-4	Ethylbenzene	4200	
511-39-00	p,m-Xylene	15700	
95-47-6	o-Xylene	6240	
100-42-5	Styrene	1520	U
75-25-2	Bromoform	3790	U
98-82-8	Isopropylbenzene (Cumene)	1520	U
108-86-1	Bromobenzene	1520	U
79-34-5	1,1,2,2-Tetrachloroethane	1520	U
96-18-4	1,2,3-Trichloropropane	1520	U
103-65-1	n-Propylbenzene	1520	U
95-49-8	2-Chlorotoluene	1520	U
106-43-4	4-Chlorotoluene	1520	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744905 Lab File ID: 44905.D

Sample wt/vol: 0.66 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1524

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1520	U
98-06-6	tert-Butylbenzene	1520	U
95-63-6	1,2,4-Trimethylbenzene	4720	
135-98-8	sec-Butylbenzene	1520	U
541-73-1	1,3-Dichlorobenzene	1520	U
106-46-7	1,4-Dichlorobenzene	1520	U
99-87-6	4-Isopropyltoluene	1520	U
104-51-8	n-Butylbenzene	1330	J
95-50-1	1,2-Dichlorobenzene	1520	U
96-12-8	1,2-Dibromo-3-chloropropane	7580	U
120-82-1	1,2,4-Trichlorobenzene	1520	U
87-68-3	Hexachlorobutadiene	2270	U
91-20-3	Naphthalene	35300	
87-61-6	1,2,3-Trichlorobenzene	1520	U
1634-04-4	MTBE	1520	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D31

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744906 Lab File ID: 44906.D

Sample wt/vol: 0.71 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1551

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1410	U
74-87-3	Chloromethane	1410	U
75-01-4	Vinyl chloride	1410	U
74-83-9	Bromomethane	1410	U
75-00-3	Chloroethane	3520	U
75-69-4	Trichlorofluoromethane	1410	U
75-35-4	1,1-Dichloroethene	1410	U
107-02-8	Acrolein	17600	U
74-88-4	Methyl iodide	1410	U
75-15-0	Carbon disulfide	1410	U
75-09-2	Methylene chloride	3520	U
156-60-5	trans-1,2-Dichloroethene	1410	U
107-13-1	Acrylonitrile	3520	U
75-34-3	1,1-Dichloroethane	1410	U
67-64-1	Acetone	7040	U
594-20-7	2,2-Dichloropropane	1410	U
156-59-2	cis-1,2-Dichloroethene	1410	U
74-97-5	Bromochloromethane	1410	U
78-93-3	2-Butanone	7040	U
67-66-3	Chloroform	1410	U
71-55-6	1,1,1-Trichloroethane	1410	U
56-23-5	Carbon tetrachloride	1410	U
563-58-6	1,1-Dichloropropene	1410	U
71-43-2	Benzene	1410	U
107-06-2	1,2-Dichloroethane	1410	U
79-01-6	Trichloroethene	1410	U
108-05-4	Vinyl acetate	2820	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D31

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744906 Lab File ID: 44906.D

Sample wt/vol: 0.71 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1551

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1410	U
74-95-3	Dibromomethane	1410	U
75-27-4	Bromodichloromethane	1410	U
10061-01-5	cis-1,3-Dichloropropene	1410	U
108-10-1	4-Methyl-2-pentanone	2820	U
108-88-3	Toluene	13500	
10061-02-6	trans-1,3-Dichloropropene	1410	U
79-00-5	1,1,2-Trichloroethane	1410	U
127-18-4	Tetrachloroethene	3520	U
142-28-9	1,3-Dichloropropane	1410	U
591-78-6	2-Hexanone	2820	U
124-48-1	Dibromochloromethane	1410	U
106-93-4	1,2-Dibromoethane(EDB)	1410	U
108-90-7	Chlorobenzene	1410	U
630-20-6	1,1,1,2-Tetrachloroethane	1410	U
100-41-4	Ethylbenzene	4300	
511-39-00	p,m-Xylene	15700	
95-47-6	o-Xylene	6770	
100-42-5	Styrene	1410	U
75-25-2	Bromoform	3520	U
98-82-8	Isopropylbenzene (Cumene)	1410	U
108-86-1	Bromobenzene	1410	U
79-34-5	1,1,2,2-Tetrachloroethane	1410	U
96-18-4	1,2,3-Trichloropropane	1410	U
103-65-1	n-Propylbenzene	267	J
95-49-8	2-Chlorotoluene	1410	U
106-43-4	4-Chlorotoluene	1410	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D31

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744906 Lab File ID: 44906.D

Sample wt/vol: 0.71 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1551

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1410	U
98-06-6	tert-Butylbenzene	1410	U
95-63-6	1,2,4-Trimethylbenzene	5190	
135-98-8	sec-Butylbenzene	1410	U
541-73-1	1,3-Dichlorobenzene	1410	U
106-46-7	1,4-Dichlorobenzene	1410	U
99-87-6	4-Isopropyltoluene	1410	U
104-51-8	n-Butylbenzene	1360	J
95-50-1	1,2-Dichlorobenzene	1410	U
96-12-8	1,2-Dibromo-3-chloropropane	7040	U
120-82-1	1,2,4-Trichlorobenzene	1410	U
87-68-3	Hexachlorobutadiene	2110	U
91-20-3	Naphthalene	37500	
87-61-6	1,2,3-Trichlorobenzene	1410	U
1634-04-4	MTBE	1410	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D97

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744907 Lab File ID: 44907.D

Sample wt/vol: 1.36 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1618

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	735	U
74-87-3	Chloromethane	735	U
75-01-4	Vinyl chloride	735	U
74-83-9	Bromomethane	735	U
75-00-3	Chloroethane	1840	U
75-69-4	Trichlorofluoromethane	735	U
75-35-4	1,1-Dichloroethene	735	U
107-02-8	Acrolein	9190	U
74-88-4	Methyl iodide	735	U
75-15-0	Carbon disulfide	735	U
75-09-2	Methylene chloride	1840	U
156-60-5	trans-1,2-Dichloroethene	735	U
107-13-1	Acrylonitrile	1840	U
75-34-3	1,1-Dichloroethane	735	U
67-64-1	Acetone	4410	
594-20-7	2,2-Dichloropropane	735	U
156-59-2	cis-1,2-Dichloroethene	735	U
74-97-5	Bromochloromethane	735	U
78-93-3	2-Butanone	3680	U
67-66-3	Chloroform	735	U
71-55-6	1,1,1-Trichloroethane	735	U
56-23-5	Carbon tetrachloride	735	U
563-58-6	1,1-Dichloropropene	735	U
71-43-2	Benzene	735	U
107-06-2	1,2-Dichloroethane	735	U
79-01-6	Trichloroethene	735	U
108-05-4	Vinyl acetate	1470	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D97

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744907 Lab File ID: 44907.D

Sample wt/vol: 1.36 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1618

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	735	U
74-95-3	Dibromomethane	735	U
75-27-4	Bromodichloromethane	735	U
10061-01-5	cis-1,3-Dichloropropene	735	U
108-10-1	4-Methyl-2-pentanone	1470	U
108-88-3	Toluene	267	J
10061-02-6	trans-1,3-Dichloropropene	735	U
79-00-5	1,1,2-Trichloroethane	735	U
127-18-4	Tetrachloroethene	1840	U
142-28-9	1,3-Dichloropropane	735	U
591-78-6	2-Hexanone	1470	U
124-48-1	Dibromochloromethane	735	U
106-93-4	1,2-Dibromoethane(EDB)	735	U
108-90-7	Chlorobenzene	735	U
630-20-6	1,1,1,2-Tetrachloroethane	735	U
100-41-4	Ethylbenzene	735	U
511-39-00	p,m-Xylene	724	J
95-47-6	o-Xylene	735	U
100-42-5	Styrene	735	U
75-25-2	Bromoform	1840	U
98-82-8	Isopropylbenzene (Cumene)	735	U
108-86-1	Bromobenzene	735	U
79-34-5	1,1,2,2-Tetrachloroethane	735	U
96-18-4	1,2,3-Trichloropropane	735	U
103-65-1	n-Propylbenzene	735	U
95-49-8	2-Chlorotoluene	735	U
106-43-4	4-Chlorotoluene	735	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D97

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744907 Lab File ID: 44907.D

Sample wt/vol: 1.36 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1618

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	735	U
98-06-6	tert-Butylbenzene	735	U
95-63-6	1,2,4-Trimethylbenzene	735	U
135-98-8	sec-Butylbenzene	735	U
541-73-1	1,3-Dichlorobenzene	735	U
106-46-7	1,4-Dichlorobenzene	735	U
99-87-6	4-Isopropyltoluene	735	U
104-51-8	n-Butylbenzene	735	U
95-50-1	1,2-Dichlorobenzene	735	U
96-12-8	1,2-Dibromo-3-chloropropane	3680	U
120-82-1	1,2,4-Trichlorobenzene	735	U
87-68-3	Hexachlorobutadiene	1100	U
91-20-3	Naphthalene	3550	
87-61-6	1,2,3-Trichlorobenzene	735	U
1634-04-4	MTBE	735	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D100

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744908 Lab File ID: 44908.D

Sample wt/vol: 1.39 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1645

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	719	U
74-87-3	Chloromethane	719	U
75-01-4	Vinyl chloride	719	U
74-83-9	Bromomethane	719	U
75-00-3	Chloroethane	1800	U
75-69-4	Trichlorofluoromethane	719	U
75-35-4	1,1-Dichloroethene	719	U
107-02-8	Acrolein	8990	U
74-88-4	Methyl iodide	719	U
75-15-0	Carbon disulfide	719	U
75-09-2	Methylene chloride	1800	U
156-60-5	trans-1,2-Dichloroethene	719	U
107-13-1	Acrylonitrile	1800	U
75-34-3	1,1-Dichloroethane	719	U
67-64-1	Acetone	3170	J
594-20-7	2,2-Dichloropropane	719	U
156-59-2	cis-1,2-Dichloroethene	719	U
74-97-5	Bromochloromethane	719	U
78-93-3	2-Butanone	3600	U
67-66-3	Chloroform	719	U
71-55-6	1,1,1-Trichloroethane	719	U
56-23-5	Carbon tetrachloride	719	U
563-58-6	1,1-Dichloropropene	719	U
71-43-2	Benzene	719	U
107-06-2	1,2-Dichloroethane	719	U
79-01-6	Trichloroethene	719	U
108-05-4	Vinyl acetate	1440	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D100

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744908 Lab File ID: 44908.D

Sample wt/vol: 1.39 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1645

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	719	U
74-95-3	Dibromomethane	719	U
75-27-4	Bromodichloromethane	719	U
10061-01-5	cis-1,3-Dichloropropene	719	U
108-10-1	4-Methyl-2-pentanone	1440	U
108-88-3	Toluene	328	J
10061-02-6	trans-1,3-Dichloropropene	719	U
79-00-5	1,1,2-Trichloroethane	719	U
127-18-4	Tetrachloroethene	1800	U
142-28-9	1,3-Dichloropropane	719	U
591-78-6	2-Hexanone	1440	U
124-48-1	Dibromochloromethane	719	U
106-93-4	1,2-Dibromoethane(EDB)	719	U
108-90-7	Chlorobenzene	719	U
630-20-6	1,1,1,2-Tetrachloroethane	719	U
100-41-4	Ethylbenzene	719	U
511-39-00	p,m-Xylene	699	J
95-47-6	o-Xylene	719	U
100-42-5	Styrene	719	U
75-25-2	Bromoform	1800	U
98-82-8	Isopropylbenzene (Cumene)	719	U
108-86-1	Bromobenzene	719	U
79-34-5	1,1,2,2-Tetrachloroethane	719	U
96-18-4	1,2,3-Trichloropropane	719	U
103-65-1	n-Propylbenzene	719	U
95-49-8	2-Chlorotoluene	719	U
106-43-4	4-Chlorotoluene	719	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D100

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744908 Lab File ID: 44908.D

Sample wt/vol: 1.39 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1645

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	719	U
98-06-6	tert-Butylbenzene	719	U
95-63-6	1,2,4-Trimethylbenzene	719	U
135-98-8	sec-Butylbenzene	719	U
541-73-1	1,3-Dichlorobenzene	719	U
106-46-7	1,4-Dichlorobenzene	719	U
99-87-6	4-Isopropyltoluene	719	U
104-51-8	n-Butylbenzene	719	U
95-50-1	1,2-Dichlorobenzene	719	U
96-12-8	1,2-Dibromo-3-chloropropane	3600	U
120-82-1	1,2,4-Trichlorobenzene	719	U
87-68-3	Hexachlorobutadiene	1080	U
91-20-3	Naphthalene	3680	
87-61-6	1,2,3-Trichlorobenzene	719	U
1634-04-4	MTBE	719	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D105

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744909 Lab File ID: 44909.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1713

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	699	U
74-87-3	Chloromethane	699	U
75-01-4	Vinyl chloride	699	U
74-83-9	Bromomethane	699	U
75-00-3	Chloroethane	1750	U
75-69-4	Trichlorofluoromethane	699	U
75-35-4	1,1-Dichloroethene	699	U
107-02-8	Acrolein	8740	U
74-88-4	Methyl iodide	699	U
75-15-0	Carbon disulfide	699	U
75-09-2	Methylene chloride	1750	U
156-60-5	trans-1,2-Dichloroethene	699	U
107-13-1	Acrylonitrile	1750	U
75-34-3	1,1-Dichloroethane	699	U
67-64-1	Acetone	2810	J
594-20-7	2,2-Dichloropropane	699	U
156-59-2	cis-1,2-Dichloroethene	699	U
74-97-5	Bromochloromethane	699	U
78-93-3	2-Butanone	3500	U
67-66-3	Chloroform	699	U
71-55-6	1,1,1-Trichloroethane	699	U
56-23-5	Carbon tetrachloride	699	U
563-58-6	1,1-Dichloropropene	699	U
71-43-2	Benzene	699	U
107-06-2	1,2-Dichloroethane	699	U
79-01-6	Trichloroethene	699	U
108-05-4	Vinyl acetate	1400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D105

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744909 Lab File ID: 44909.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1713

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	699	U
74-95-3	Dibromomethane	699	U
75-27-4	Bromodichloromethane	699	U
10061-01-5	cis-1,3-Dichloropropene	699	U
108-10-1	4-Methyl-2-pentanone	1400	U
108-88-3	Toluene	298	J
10061-02-6	trans-1,3-Dichloropropene	699	U
79-00-5	1,1,2-Trichloroethane	699	U
127-18-4	Tetrachloroethene	1750	U
142-28-9	1,3-Dichloropropane	699	U
591-78-6	2-Hexanone	1400	U
124-48-1	Dibromochloromethane	699	U
106-93-4	1,2-Dibromoethane(EDB)	699	U
108-90-7	Chlorobenzene	699	U
630-20-6	1,1,1,2-Tetrachloroethane	699	U
100-41-4	Ethylbenzene	699	U
511-39-00	p,m-Xylene	642	J
95-47-6	o-Xylene	699	U
100-42-5	Styrene	699	U
75-25-2	Bromoform	1750	U
98-82-8	Isopropylbenzene (Cumene)	699	U
108-86-1	Bromobenzene	699	U
79-34-5	1,1,2,2-Tetrachloroethane	699	U
96-18-4	1,2,3-Trichloropropane	699	U
103-65-1	n-Propylbenzene	699	U
95-49-8	2-Chlorotoluene	699	U
106-43-4	4-Chlorotoluene	699	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D105

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744909 Lab File ID: 44909.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1713

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	699	U
98-06-6	tert-Butylbenzene	699	U
95-63-6	1,2,4-Trimethylbenzene	699	U
135-98-8	sec-Butylbenzene	699	U
541-73-1	1,3-Dichlorobenzene	699	U
106-46-7	1,4-Dichlorobenzene	699	U
99-87-6	4-Isopropyltoluene	699	U
104-51-8	n-Butylbenzene	699	U
95-50-1	1,2-Dichlorobenzene	699	U
96-12-8	1,2-Dibromo-3-chloropropane	3500	U
120-82-1	1,2,4-Trichlorobenzene	699	U
87-68-3	Hexachlorobutadiene	1050	U
91-20-3	Naphthalene	3260	
87-61-6	1,2,3-Trichlorobenzene	699	U
1634-04-4	MTBE	699	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D107

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744910 Lab File ID: 44910.D

Sample wt/vol: 1.49 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0940

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	671	U
74-87-3	Chloromethane	671	U
75-01-4	Vinyl chloride	671	U
74-83-9	Bromomethane	671	U
75-00-3	Chloroethane	1680	U
75-69-4	Trichlorofluoromethane	671	U
75-35-4	1,1-Dichloroethene	671	U
107-02-8	Acrolein	8390	U
74-88-4	Methyl iodide	671	U
75-15-0	Carbon disulfide	671	U
75-09-2	Methylene chloride	1680	U
156-60-5	trans-1,2-Dichloroethene	671	U
107-13-1	Acrylonitrile	1680	U
75-34-3	1,1-Dichloroethane	671	U
67-64-1	Acetone	2670	J
594-20-7	2,2-Dichloropropane	671	U
156-59-2	cis-1,2-Dichloroethene	671	U
74-97-5	Bromochloromethane	671	U
78-93-3	2-Butanone	3360	U
67-66-3	Chloroform	671	U
71-55-6	1,1,1-Trichloroethane	671	U
56-23-5	Carbon tetrachloride	671	U
563-58-6	1,1-Dichloropropene	671	U
71-43-2	Benzene	671	U
107-06-2	1,2-Dichloroethane	671	U
79-01-6	Trichloroethene	671	U
108-05-4	Vinyl acetate	1340	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D107

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744910 Lab File ID: 44910.D

Sample wt/vol: 1.49 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0940

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	671	U
74-95-3	Dibromomethane	671	U
75-27-4	Bromodichloromethane	671	U
10061-01-5	cis-1,3-Dichloropropene	671	U
108-10-1	4-Methyl-2-pentanone	1340	U
108-88-3	Toluene	301	J
10061-02-6	trans-1,3-Dichloropropene	671	U
79-00-5	1,1,2-Trichloroethane	671	U
127-18-4	Tetrachloroethene	1680	U
142-28-9	1,3-Dichloropropane	671	U
591-78-6	2-Hexanone	1340	U
124-48-1	Dibromochloromethane	671	U
106-93-4	1,2-Dibromoethane(EDB)	671	U
108-90-7	Chlorobenzene	671	U
630-20-6	1,1,1,2-Tetrachloroethane	671	U
100-41-4	Ethylbenzene	671	U
511-39-00	p,m-Xylene	586	J
95-47-6	o-Xylene	671	U
100-42-5	Styrene	671	U
75-25-2	Bromoform	1680	U
98-82-8	Isopropylbenzene (Cumene)	671	U
108-86-1	Bromobenzene	671	U
79-34-5	1,1,2,2-Tetrachloroethane	671	U
96-18-4	1,2,3-Trichloropropane	671	U
103-65-1	n-Propylbenzene	671	U
95-49-8	2-Chlorotoluene	671	U
106-43-4	4-Chlorotoluene	671	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D107

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744910 Lab File ID: 44910.D

Sample wt/vol: 1.49 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0940

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	671	U
98-06-6	tert-Butylbenzene	671	U
95-63-6	1,2,4-Trimethylbenzene	671	U
135-98-8	sec-Butylbenzene	671	U
541-73-1	1,3-Dichlorobenzene	671	U
106-46-7	1,4-Dichlorobenzene	671	U
99-87-6	4-Isopropyltoluene	671	U
104-51-8	n-Butylbenzene	671	U
95-50-1	1,2-Dichlorobenzene	671	U
96-12-8	1,2-Dibromo-3-chloropropane	3360	U
120-82-1	1,2,4-Trichlorobenzene	671	U
87-68-3	Hexachlorobutadiene	1010	U
91-20-3	Naphthalene	2760	
87-61-6	1,2,3-Trichlorobenzene	671	U
1634-04-4	MTBE	671	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D106

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744911 Lab File ID: 44911.D

Sample wt/vol: 1.4 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1007

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	714	U
74-87-3	Chloromethane	714	U
75-01-4	Vinyl chloride	714	U
74-83-9	Bromomethane	714	U
75-00-3	Chloroethane	1780	U
75-69-4	Trichlorofluoromethane	714	U
75-35-4	1,1-Dichloroethene	714	U
107-02-8	Acrolein	8930	U
74-88-4	Methyl iodide	714	U
75-15-0	Carbon disulfide	714	U
75-09-2	Methylene chloride	1780	U
156-60-5	trans-1,2-Dichloroethene	714	U
107-13-1	Acrylonitrile	1780	U
75-34-3	1,1-Dichloroethane	714	U
67-64-1	Acetone	3570	U
594-20-7	2,2-Dichloropropane	714	U
156-59-2	cis-1,2-Dichloroethene	714	U
74-97-5	Bromochloromethane	714	U
78-93-3	2-Butanone	3570	U
67-66-3	Chloroform	714	U
71-55-6	1,1,1-Trichloroethane	714	U
56-23-5	Carbon tetrachloride	714	U
563-58-6	1,1-Dichloropropene	714	U
71-43-2	Benzene	714	U
107-06-2	1,2-Dichloroethane	714	U
79-01-6	Trichloroethene	714	U
108-05-4	Vinyl acetate	1430	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D106

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744911 Lab File ID: 44911.D

Sample wt/vol: 1.4 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1007

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	714	U
74-95-3	Dibromomethane	714	U
75-27-4	Bromodichloromethane	714	U
10061-01-5	cis-1,3-Dichloropropene	714	U
108-10-1	4-Methyl-2-pentanone	1430	U
108-88-3	Toluene	291	J
10061-02-6	trans-1,3-Dichloropropene	714	U
79-00-5	1,1,2-Trichloroethane	714	U
127-18-4	Tetrachloroethene	1780	U
142-28-9	1,3-Dichloropropane	714	U
591-78-6	2-Hexanone	1430	U
124-48-1	Dibromochloromethane	714	U
106-93-4	1,2-Dibromoethane(EDB)	714	U
108-90-7	Chlorobenzene	714	U
630-20-6	1,1,1,2-Tetrachloroethane	714	U
100-41-4	Ethylbenzene	714	U
511-39-00	p,m-Xylene	531	J
95-47-6	o-Xylene	714	U
100-42-5	Styrene	714	U
75-25-2	Bromoform	1780	U
98-82-8	Isopropylbenzene (Cumene)	714	U
108-86-1	Bromobenzene	714	U
79-34-5	1,1,2,2-Tetrachloroethane	714	U
96-18-4	1,2,3-Trichloropropane	714	U
103-65-1	n-Propylbenzene	714	U
95-49-8	2-Chlorotoluene	714	U
106-43-4	4-Chlorotoluene	714	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D106

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744911 Lab File ID: 44911.D

Sample wt/vol: 1.4 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1007

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	714	U
98-06-6	tert-Butylbenzene	714	U
95-63-6	1,2,4-Trimethylbenzene	714	U
135-98-8	sec-Butylbenzene	714	U
541-73-1	1,3-Dichlorobenzene	714	U
106-46-7	1,4-Dichlorobenzene	714	U
99-87-6	4-Isopropyltoluene	714	U
104-51-8	n-Butylbenzene	714	U
95-50-1	1,2-Dichlorobenzene	714	U
96-12-8	1,2-Dibromo-3-chloropropane	3570	U
120-82-1	1,2,4-Trichlorobenzene	714	U
87-68-3	Hexachlorobutadiene	1070	U
91-20-3	Naphthalene	3240	
87-61-6	1,2,3-Trichlorobenzene	714	U
1634-04-4	MTBE	714	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D99

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744912 Lab File ID: 44912.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1034

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	709	U
74-87-3	Chloromethane	709	U
75-01-4	Vinyl chloride	709	U
74-83-9	Bromomethane	709	U
75-00-3	Chloroethane	1770	U
75-69-4	Trichlorofluoromethane	709	U
75-35-4	1,1-Dichloroethene	709	U
107-02-8	Acrolein	8860	U
74-88-4	Methyl iodide	709	U
75-15-0	Carbon disulfide	709	U
75-09-2	Methylene chloride	1770	U
156-60-5	trans-1,2-Dichloroethene	709	U
107-13-1	Acrylonitrile	1770	U
75-34-3	1,1-Dichloroethane	709	U
67-64-1	Acetone	3100	J
594-20-7	2,2-Dichloropropane	709	U
156-59-2	cis-1,2-Dichloroethene	709	U
74-97-5	Bromochloromethane	709	U
78-93-3	2-Butanone	3550	U
67-66-3	Chloroform	709	U
71-55-6	1,1,1-Trichloroethane	709	U
56-23-5	Carbon tetrachloride	709	U
563-58-6	1,1-Dichloropropene	709	U
71-43-2	Benzene	709	U
107-06-2	1,2-Dichloroethane	709	U
79-01-6	Trichloroethene	709	U
108-05-4	Vinyl acetate	1420	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D99

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744912 Lab File ID: 44912.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1034

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	709	U
74-95-3	Dibromomethane	709	U
75-27-4	Bromodichloromethane	709	U
10061-01-5	cis-1,3-Dichloropropene	709	U
108-10-1	4-Methyl-2-pentanone	1420	U
108-88-3	Toluene	338	J
10061-02-6	trans-1,3-Dichloropropene	709	U
79-00-5	1,1,2-Trichloroethane	709	U
127-18-4	Tetrachloroethene	1770	U
142-28-9	1,3-Dichloropropane	709	U
591-78-6	2-Hexanone	1420	U
124-48-1	Dibromochloromethane	709	U
106-93-4	1,2-Dibromoethane(EDB)	709	U
108-90-7	Chlorobenzene	709	U
630-20-6	1,1,1,2-Tetrachloroethane	709	U
100-41-4	Ethylbenzene	709	U
511-39-00	p,m-Xylene	869	J
95-47-6	o-Xylene	271	J
100-42-5	Styrene	709	U
75-25-2	Bromoform	1770	U
98-82-8	Isopropylbenzene (Cumene)	709	U
108-86-1	Bromobenzene	709	U
79-34-5	1,1,2,2-Tetrachloroethane	709	U
96-18-4	1,2,3-Trichloropropane	709	U
103-65-1	n-Propylbenzene	709	U
95-49-8	2-Chlorotoluene	709	U
106-43-4	4-Chlorotoluene	709	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D99

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744912 Lab File ID: 44912.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1034

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	709	U
98-06-6	tert-Butylbenzene	709	U
95-63-6	1,2,4-Trimethylbenzene	709	U
135-98-8	sec-Butylbenzene	709	U
541-73-1	1,3-Dichlorobenzene	709	U
106-46-7	1,4-Dichlorobenzene	709	U
99-87-6	4-Isopropyltoluene	709	U
104-51-8	n-Butylbenzene	709	U
95-50-1	1,2-Dichlorobenzene	709	U
96-12-8	1,2-Dibromo-3-chloropropane	3550	U
120-82-1	1,2,4-Trichlorobenzene	709	U
87-68-3	Hexachlorobutadiene	1060	U
91-20-3	Naphthalene	3380	
87-61-6	1,2,3-Trichlorobenzene	709	U
1634-04-4	MTBE	709	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D109

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744913 Lab File ID: 44913.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1101

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	699	U
74-87-3	Chloromethane	699	U
75-01-4	Vinyl chloride	699	U
74-83-9	Bromomethane	699	U
75-00-3	Chloroethane	1750	U
75-69-4	Trichlorofluoromethane	699	U
75-35-4	1,1-Dichloroethene	699	U
107-02-8	Acrolein	8740	U
74-88-4	Methyl iodide	699	U
75-15-0	Carbon disulfide	699	U
75-09-2	Methylene chloride	1750	U
156-60-5	trans-1,2-Dichloroethene	699	U
107-13-1	Acrylonitrile	1750	U
75-34-3	1,1-Dichloroethane	699	U
67-64-1	Acetone	3320	J
594-20-7	2,2-Dichloropropane	699	U
156-59-2	cis-1,2-Dichloroethene	699	U
74-97-5	Bromochloromethane	699	U
78-93-3	2-Butanone	3500	U
67-66-3	Chloroform	699	U
71-55-6	1,1,1-Trichloroethane	699	U
56-23-5	Carbon tetrachloride	699	U
563-58-6	1,1-Dichloropropene	699	U
71-43-2	Benzene	699	U
107-06-2	1,2-Dichloroethane	699	U
79-01-6	Trichloroethene	699	U
108-05-4	Vinyl acetate	1400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D109

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744913 Lab File ID: 44913.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1101

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	699	U
74-95-3	Dibromomethane	699	U
75-27-4	Bromodichloromethane	699	U
10061-01-5	cis-1,3-Dichloropropene	699	U
108-10-1	4-Methyl-2-pentanone	1400	U
108-88-3	Toluene	327	J
10061-02-6	trans-1,3-Dichloropropene	699	U
79-00-5	1,1,2-Trichloroethane	699	U
127-18-4	Tetrachloroethene	1750	U
142-28-9	1,3-Dichloropropane	699	U
591-78-6	2-Hexanone	1400	U
124-48-1	Dibromochloromethane	699	U
106-93-4	1,2-Dibromoethane(EDB)	699	U
108-90-7	Chlorobenzene	699	U
630-20-6	1,1,1,2-Tetrachloroethane	699	U
100-41-4	Ethylbenzene	699	U
511-39-00	p,m-Xylene	607	J
95-47-6	o-Xylene	699	U
100-42-5	Styrene	699	U
75-25-2	Bromoform	1750	U
98-82-8	Isopropylbenzene (Cumene)	699	U
108-86-1	Bromobenzene	699	U
79-34-5	1,1,2,2-Tetrachloroethane	699	U
96-18-4	1,2,3-Trichloropropane	699	U
103-65-1	n-Propylbenzene	699	U
95-49-8	2-Chlorotoluene	699	U
106-43-4	4-Chlorotoluene	699	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D109

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744913 Lab File ID: 44913.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1101

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	699	U
98-06-6	tert-Butylbenzene	699	U
95-63-6	1,2,4-Trimethylbenzene	699	U
135-98-8	sec-Butylbenzene	699	U
541-73-1	1,3-Dichlorobenzene	699	U
106-46-7	1,4-Dichlorobenzene	699	U
99-87-6	4-Isopropyltoluene	699	U
104-51-8	n-Butylbenzene	699	U
95-50-1	1,2-Dichlorobenzene	699	U
96-12-8	1,2-Dibromo-3-chloropropane	3500	U
120-82-1	1,2,4-Trichlorobenzene	699	U
87-68-3	Hexachlorobutadiene	1050	U
91-20-3	Naphthalene	3390	
87-61-6	1,2,3-Trichlorobenzene	699	U
1634-04-4	MTBE	699	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D110

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744914 Lab File ID: 44914.D

Sample wt/vol: 1.32 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1128

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	758	U
74-87-3	Chloromethane	758	U
75-01-4	Vinyl chloride	758	U
74-83-9	Bromomethane	758	U
75-00-3	Chloroethane	1890	U
75-69-4	Trichlorofluoromethane	758	U
75-35-4	1,1-Dichloroethene	758	U
107-02-8	Acrolein	9470	U
74-88-4	Methyl iodide	758	U
75-15-0	Carbon disulfide	758	U
75-09-2	Methylene chloride	1890	U
156-60-5	trans-1,2-Dichloroethene	758	U
107-13-1	Acrylonitrile	1890	U
75-34-3	1,1-Dichloroethane	758	U
67-64-1	Acetone	3790	U
594-20-7	2,2-Dichloropropane	758	U
156-59-2	cis-1,2-Dichloroethene	758	U
74-97-5	Bromochloromethane	758	U
78-93-3	2-Butanone	3790	U
67-66-3	Chloroform	758	U
71-55-6	1,1,1-Trichloroethane	758	U
56-23-5	Carbon tetrachloride	758	U
563-58-6	1,1-Dichloropropene	758	U
71-43-2	Benzene	758	U
107-06-2	1,2-Dichloroethane	758	U
79-01-6	Trichloroethene	758	U
108-05-4	Vinyl acetate	1520	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D110

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744914 Lab File ID: 44914.D

Sample wt/vol: 1.32 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1128

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	758	U
74-95-3	Dibromomethane	758	U
75-27-4	Bromodichloromethane	758	U
10061-01-5	cis-1,3-Dichloropropene	758	U
108-10-1	4-Methyl-2-pentanone	1520	U
108-88-3	Toluene	342	J
10061-02-6	trans-1,3-Dichloropropene	758	U
79-00-5	1,1,2-Trichloroethane	758	U
127-18-4	Tetrachloroethene	1890	U
142-28-9	1,3-Dichloropropane	758	U
591-78-6	2-Hexanone	1520	U
124-48-1	Dibromochloromethane	758	U
106-93-4	1,2-Dibromoethane(EDB)	758	U
108-90-7	Chlorobenzene	758	U
630-20-6	1,1,1,2-Tetrachloroethane	758	U
100-41-4	Ethylbenzene	758	U
511-39-00	p,m-Xylene	672	J
95-47-6	o-Xylene	758	U
100-42-5	Styrene	758	U
75-25-2	Bromoform	1890	U
98-82-8	Isopropylbenzene (Cumene)	758	U
108-86-1	Bromobenzene	758	U
79-34-5	1,1,2,2-Tetrachloroethane	758	U
96-18-4	1,2,3-Trichloropropane	758	U
103-65-1	n-Propylbenzene	758	U
95-49-8	2-Chlorotoluene	758	U
106-43-4	4-Chlorotoluene	758	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D110

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744914 Lab File ID: 44914.D

Sample wt/vol: 1.32 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1128

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	758	U
98-06-6	tert-Butylbenzene	758	U
95-63-6	1,2,4-Trimethylbenzene	758	U
135-98-8	sec-Butylbenzene	758	U
541-73-1	1,3-Dichlorobenzene	758	U
106-46-7	1,4-Dichlorobenzene	758	U
99-87-6	4-Isopropyltoluene	758	U
104-51-8	n-Butylbenzene	758	U
95-50-1	1,2-Dichlorobenzene	758	U
96-12-8	1,2-Dibromo-3-chloropropane	3790	U
120-82-1	1,2,4-Trichlorobenzene	758	U
87-68-3	Hexachlorobutadiene	1140	U
91-20-3	Naphthalene	3610	
87-61-6	1,2,3-Trichlorobenzene	758	U
1634-04-4	MTBE	758	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D102

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744915 Lab File ID: 44915.D

Sample wt/vol: 1.49 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1155

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	671	U
74-87-3	Chloromethane	671	U
75-01-4	Vinyl chloride	671	U
74-83-9	Bromomethane	671	U
75-00-3	Chloroethane	1680	U
75-69-4	Trichlorofluoromethane	671	U
75-35-4	1,1-Dichloroethene	671	U
107-02-8	Acrolein	8390	U
74-88-4	Methyl iodide	671	U
75-15-0	Carbon disulfide	671	U
75-09-2	Methylene chloride	1680	U
156-60-5	trans-1,2-Dichloroethene	671	U
107-13-1	Acrylonitrile	1680	U
75-34-3	1,1-Dichloroethane	671	U
67-64-1	Acetone	3360	U
594-20-7	2,2-Dichloropropane	671	U
156-59-2	cis-1,2-Dichloroethene	671	U
74-97-5	Bromochloromethane	671	U
78-93-3	2-Butanone	3360	U
67-66-3	Chloroform	671	U
71-55-6	1,1,1-Trichloroethane	671	U
56-23-5	Carbon tetrachloride	671	U
563-58-6	1,1-Dichloropropene	671	U
71-43-2	Benzene	671	U
107-06-2	1,2-Dichloroethane	671	U
79-01-6	Trichloroethene	671	U
108-05-4	Vinyl acetate	1340	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D102

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744915 Lab File ID: 44915.D

Sample wt/vol: 1.49 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1155

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	671	U
74-95-3	Dibromomethane	671	U
75-27-4	Bromodichloromethane	671	U
10061-01-5	cis-1,3-Dichloropropene	671	U
108-10-1	4-Methyl-2-pentanone	1340	U
108-88-3	Toluene	323	J
10061-02-6	trans-1,3-Dichloropropene	671	U
79-00-5	1,1,2-Trichloroethane	671	U
127-18-4	Tetrachloroethene	1680	U
142-28-9	1,3-Dichloropropane	671	U
591-78-6	2-Hexanone	1340	U
124-48-1	Dibromochloromethane	671	U
106-93-4	1,2-Dibromoethane(EDB)	671	U
108-90-7	Chlorobenzene	671	U
630-20-6	1,1,1,2-Tetrachloroethane	671	U
100-41-4	Ethylbenzene	671	U
511-39-00	p,m-Xylene	577	J
95-47-6	o-Xylene	671	U
100-42-5	Styrene	671	U
75-25-2	Bromoform	1680	U
98-82-8	Isopropylbenzene (Cumene)	671	U
108-86-1	Bromobenzene	671	U
79-34-5	1,1,2,2-Tetrachloroethane	671	U
96-18-4	1,2,3-Trichloropropane	671	U
103-65-1	n-Propylbenzene	671	U
95-49-8	2-Chlorotoluene	671	U
106-43-4	4-Chlorotoluene	671	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D102

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744915 Lab File ID: 44915.D

Sample wt/vol: 1.49 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1155

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	671	U
98-06-6	tert-Butylbenzene	671	U
95-63-6	1,2,4-Trimethylbenzene	671	U
135-98-8	sec-Butylbenzene	671	U
541-73-1	1,3-Dichlorobenzene	671	U
106-46-7	1,4-Dichlorobenzene	671	U
99-87-6	4-Isopropyltoluene	671	U
104-51-8	n-Butylbenzene	671	U
95-50-1	1,2-Dichlorobenzene	671	U
96-12-8	1,2-Dibromo-3-chloropropane	3360	U
120-82-1	1,2,4-Trichlorobenzene	671	U
87-68-3	Hexachlorobutadiene	1010	U
91-20-3	Naphthalene	3270	
87-61-6	1,2,3-Trichlorobenzene	671	U
1634-04-4	MTBE	671	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D104

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744916 Lab File ID: 44916.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1222

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	699	U
74-87-3	Chloromethane	699	U
75-01-4	Vinyl chloride	699	U
74-83-9	Bromomethane	699	U
75-00-3	Chloroethane	1750	U
75-69-4	Trichlorofluoromethane	699	U
75-35-4	1,1-Dichloroethene	699	U
107-02-8	Acrolein	8740	U
74-88-4	Methyl iodide	699	U
75-15-0	Carbon disulfide	699	U
75-09-2	Methylene chloride	1750	U
156-60-5	trans-1,2-Dichloroethene	699	U
107-13-1	Acrylonitrile	1750	U
75-34-3	1,1-Dichloroethane	699	U
67-64-1	Acetone	3300	J
594-20-7	2,2-Dichloropropane	699	U
156-59-2	cis-1,2-Dichloroethene	699	U
74-97-5	Bromochloromethane	699	U
78-93-3	2-Butanone	3500	U
67-66-3	Chloroform	699	U
71-55-6	1,1,1-Trichloroethane	699	U
56-23-5	Carbon tetrachloride	699	U
563-58-6	1,1-Dichloropropene	699	U
71-43-2	Benzene	699	U
107-06-2	1,2-Dichloroethane	699	U
79-01-6	Trichloroethene	699	U
108-05-4	Vinyl acetate	1400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D104

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744916 Lab File ID: 44916.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1222

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	699	U
74-95-3	Dibromomethane	699	U
75-27-4	Bromodichloromethane	699	U
10061-01-5	cis-1,3-Dichloropropene	699	U
108-10-1	4-Methyl-2-pentanone	1400	U
108-88-3	Toluene	337	J
10061-02-6	trans-1,3-Dichloropropene	699	U
79-00-5	1,1,2-Trichloroethane	699	U
127-18-4	Tetrachloroethene	1750	U
142-28-9	1,3-Dichloropropane	699	U
591-78-6	2-Hexanone	1400	U
124-48-1	Dibromochloromethane	699	U
106-93-4	1,2-Dibromoethane(EDB)	699	U
108-90-7	Chlorobenzene	699	U
630-20-6	1,1,1,2-Tetrachloroethane	699	U
100-41-4	Ethylbenzene	699	U
511-39-00	p,m-Xylene	533	J
95-47-6	o-Xylene	699	U
100-42-5	Styrene	699	U
75-25-2	Bromoform	1750	U
98-82-8	Isopropylbenzene (Cumene)	699	U
108-86-1	Bromobenzene	699	U
79-34-5	1,1,2,2-Tetrachloroethane	699	U
96-18-4	1,2,3-Trichloropropane	699	U
103-65-1	n-Propylbenzene	699	U
95-49-8	2-Chlorotoluene	699	U
106-43-4	4-Chlorotoluene	699	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D104

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744916 Lab File ID: 44916.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1222

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	699	U
98-06-6	tert-Butylbenzene	699	U
95-63-6	1,2,4-Trimethylbenzene	699	U
135-98-8	sec-Butylbenzene	699	U
541-73-1	1,3-Dichlorobenzene	699	U
106-46-7	1,4-Dichlorobenzene	699	U
99-87-6	4-Isopropyltoluene	699	U
104-51-8	n-Butylbenzene	699	U
95-50-1	1,2-Dichlorobenzene	699	U
96-12-8	1,2-Dibromo-3-chloropropane	3500	U
120-82-1	1,2,4-Trichlorobenzene	699	U
87-68-3	Hexachlorobutadiene	1050	U
91-20-3	Naphthalene	3590	
87-61-6	1,2,3-Trichlorobenzene	699	U
1634-04-4	MTBE	699	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D111

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744917 Lab File ID: 44917.D

Sample wt/vol: 1.28 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1249

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	781	U
74-87-3	Chloromethane	781	U
75-01-4	Vinyl chloride	781	U
74-83-9	Bromomethane	781	U
75-00-3	Chloroethane	1950	U
75-69-4	Trichlorofluoromethane	781	U
75-35-4	1,1-Dichloroethene	781	U
107-02-8	Acrolein	9760	U
74-88-4	Methyl iodide	781	U
75-15-0	Carbon disulfide	781	U
75-09-2	Methylene chloride	1950	U
156-60-5	trans-1,2-Dichloroethene	781	U
107-13-1	Acrylonitrile	1950	U
75-34-3	1,1-Dichloroethane	781	U
67-64-1	Acetone	46400	
594-20-7	2,2-Dichloropropane	781	U
156-59-2	cis-1,2-Dichloroethene	781	U
74-97-5	Bromochloromethane	781	U
78-93-3	2-Butanone	3910	U
67-66-3	Chloroform	781	U
71-55-6	1,1,1-Trichloroethane	781	U
56-23-5	Carbon tetrachloride	781	U
563-58-6	1,1-Dichloropropene	781	U
71-43-2	Benzene	781	U
107-06-2	1,2-Dichloroethane	781	U
79-01-6	Trichloroethene	781	U
108-05-4	Vinyl acetate	1560	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D111

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744917 Lab File ID: 44917.D

Sample wt/vol: 1.28 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1249

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	781	U
74-95-3	Dibromomethane	781	U
75-27-4	Bromodichloromethane	781	U
10061-01-5	cis-1,3-Dichloropropene	781	U
108-10-1	4-Methyl-2-pentanone	1560	U
108-88-3	Toluene	876	
10061-02-6	trans-1,3-Dichloropropene	781	U
79-00-5	1,1,2-Trichloroethane	781	U
127-18-4	Tetrachloroethene	1950	U
142-28-9	1,3-Dichloropropane	781	U
591-78-6	2-Hexanone	1560	U
124-48-1	Dibromochloromethane	781	U
106-93-4	1,2-Dibromoethane(EDB)	781	U
108-90-7	Chlorobenzene	781	U
630-20-6	1,1,1,2-Tetrachloroethane	781	U
100-41-4	Ethylbenzene	781	U
511-39-00	p,m-Xylene	1560	U
95-47-6	o-Xylene	781	U
100-42-5	Styrene	781	U
75-25-2	Bromoform	1950	U
98-82-8	Isopropylbenzene (Cumene)	781	U
108-86-1	Bromobenzene	781	U
79-34-5	1,1,2,2-Tetrachloroethane	781	U
96-18-4	1,2,3-Trichloropropane	781	U
103-65-1	n-Propylbenzene	781	U
95-49-8	2-Chlorotoluene	781	U
106-43-4	4-Chlorotoluene	781	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D111

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744917 Lab File ID: 44917.D

Sample wt/vol: 1.28 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1249

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	781	U
98-06-6	tert-Butylbenzene	781	U
95-63-6	1,2,4-Trimethylbenzene	781	U
135-98-8	sec-Butylbenzene	781	U
541-73-1	1,3-Dichlorobenzene	781	U
106-46-7	1,4-Dichlorobenzene	781	U
99-87-6	4-Isopropyltoluene	781	U
104-51-8	n-Butylbenzene	781	U
95-50-1	1,2-Dichlorobenzene	781	U
96-12-8	1,2-Dibromo-3-chloropropane	3910	U
120-82-1	1,2,4-Trichlorobenzene	781	U
87-68-3	Hexachlorobutadiene	1170	U
91-20-3	Naphthalene	2500	
87-61-6	1,2,3-Trichlorobenzene	781	U
1634-04-4	MTBE	781	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D112

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744918 Lab File ID: 44918.D

Sample wt/vol: 1.48 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1506

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	676	U
74-87-3	Chloromethane	676	U
75-01-4	Vinyl chloride	676	U
74-83-9	Bromomethane	676	U
75-00-3	Chloroethane	1690	U
75-69-4	Trichlorofluoromethane	676	U
75-35-4	1,1-Dichloroethene	676	U
107-02-8	Acrolein	8440	U
74-88-4	Methyl iodide	676	U
75-15-0	Carbon disulfide	676	U
75-09-2	Methylene chloride	1690	U
156-60-5	trans-1,2-Dichloroethene	676	U
107-13-1	Acrylonitrile	1690	U
75-34-3	1,1-Dichloroethane	676	U
67-64-1	Acetone	3380	U
594-20-7	2,2-Dichloropropane	676	U
156-59-2	cis-1,2-Dichloroethene	676	U
74-97-5	Bromochloromethane	676	U
78-93-3	2-Butanone	3380	U
67-66-3	Chloroform	676	U
71-55-6	1,1,1-Trichloroethane	676	U
56-23-5	Carbon tetrachloride	676	U
563-58-6	1,1-Dichloropropene	676	U
71-43-2	Benzene	676	U
107-06-2	1,2-Dichloroethane	676	U
79-01-6	Trichloroethene	676	U
108-05-4	Vinyl acetate	1350	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D112

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744918 Lab File ID: 44918.D

Sample wt/vol: 1.48 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1506

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	676	U
74-95-3	Dibromomethane	676	U
75-27-4	Bromodichloromethane	676	U
10061-01-5	cis-1,3-Dichloropropene	676	U
108-10-1	4-Methyl-2-pentanone	1350	U
108-88-3	Toluene	288	J
10061-02-6	trans-1,3-Dichloropropene	676	U
79-00-5	1,1,2-Trichloroethane	676	U
127-18-4	Tetrachloroethene	1690	U
142-28-9	1,3-Dichloropropane	676	U
591-78-6	2-Hexanone	1350	U
124-48-1	Dibromochloromethane	676	U
106-93-4	1,2-Dibromoethane(EDB)	676	U
108-90-7	Chlorobenzene	676	U
630-20-6	1,1,1,2-Tetrachloroethane	676	U
100-41-4	Ethylbenzene	676	U
511-39-00	p,m-Xylene	617	J
95-47-6	o-Xylene	676	U
100-42-5	Styrene	676	U
75-25-2	Bromoform	1690	U
98-82-8	Isopropylbenzene (Cumene)	676	U
108-86-1	Bromobenzene	676	U
79-34-5	1,1,2,2-Tetrachloroethane	676	U
96-18-4	1,2,3-Trichloropropane	676	U
103-65-1	n-Propylbenzene	676	U
95-49-8	2-Chlorotoluene	676	U
106-43-4	4-Chlorotoluene	676	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D112

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744918 Lab File ID: 44918.D

Sample wt/vol: 1.48 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1506

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	676	U
98-06-6	tert-Butylbenzene	676	U
95-63-6	1,2,4-Trimethylbenzene	676	U
135-98-8	sec-Butylbenzene	676	U
541-73-1	1,3-Dichlorobenzene	676	U
106-46-7	1,4-Dichlorobenzene	676	U
99-87-6	4-Isopropyltoluene	676	U
104-51-8	n-Butylbenzene	676	U
95-50-1	1,2-Dichlorobenzene	676	U
96-12-8	1,2-Dibromo-3-chloropropane	3380	U
120-82-1	1,2,4-Trichlorobenzene	676	U
87-68-3	Hexachlorobutadiene	1010	U
91-20-3	Naphthalene	3100	
87-61-6	1,2,3-Trichlorobenzene	676	U
1634-04-4	MTBE	676	U

QC Summary

100907 1459

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082807BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 082807BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 0931

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082807BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 082807BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 0931

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082807BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 082807BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 0931

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082907BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 082907BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082907BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 082907BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0913

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082907BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 082907BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082807LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1960	98.0		30.0	45 - 128
Chloromethane	2000	1550	77.5		30.0	70 - 130
Vinyl chloride	2000	1620	81.0		30.0	70 - 130
Bromomethane	2000	2620	131.0		30.0	39 - 148
Chloroethane	2000	1830	91.5		30.0	55 - 139
Trichlorofluoromethane	2000	1920	96.0		30.0	70 - 130
1,1-Dichloroethene	2000	1900	95.0		30.0	70 - 130
Acrolein	6000	5680	94.7		30.0	69 - 130
Methyl iodide	2000	2220	111.0		30.0	55 - 133
Carbon disulfide	2000	2110	106.0		30.0	65 - 130
Methylene chloride	2000	1970	98.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	1960	98.0		30.0	70 - 130
Acrylonitrile	6000	5550	92.5		30.0	70 - 130
1,1-Dichloroethane	2000	1890	94.5		30.0	70 - 130
Acetone	6000	5200	86.7		30.0	58 - 133
2,2-Dichloropropane	2000	2200	110.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	1800	90.0		30.0	70 - 130
Bromochloromethane	2000	1890	94.5		30.0	70 - 130
2-Butanone	6000	6390	106.0		30.0	70 - 130
Chloroform	2000	1880	94.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1940	97.0		30.0	70 - 130
Carbon tetrachloride	2000	1960	98.0		30.0	70 - 130
1,1-Dichloropropene	2000	1990	99.5		30.0	70 - 130
Benzene	2000	1890	94.5		30.0	70 - 130
1,2-Dichloroethane	2000	1970	98.5		30.0	70 - 130
Trichloroethene	2000	1960	98.0		30.0	70 - 130
Vinyl acetate	2000	1960	98.0		30.0	70 - 130
1,2-Dichloropropane	2000	1980	99.0		30.0	70 - 130
Dibromomethane	2000	1860	93.0		30.0	70 - 130
Bromodichloromethane	2000	1940	97.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2020	101.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5640	94.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1459

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082807LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	1960	98.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2120	106.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	1910	95.5		30.0	70 - 130
Tetrachloroethene	2000	2080	104.0		30.0	70 - 130
1,3-Dichloropropane	2000	1840	92.0		30.0	70 - 130
2-Hexanone	6000	5820	97.0		30.0	70 - 130
Dibromochloromethane	2000	1800	90.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1990	99.5		30.0	70 - 130
Chlorobenzene	2000	1840	92.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1660	83.0		30.0	70 - 130
Ethylbenzene	2000	1980	99.0		30.0	70 - 130
p,m-Xylene	4000	3780	94.5		30.0	70 - 130
o-Xylene	2000	1880	94.0		30.0	70 - 130
Styrene	2000	1900	95.0		30.0	70 - 130
Bromoform	2000	1850	92.5		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1860	93.0		30.0	70 - 130
Bromobenzene	2000	1900	95.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1800	90.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	1600	80.0		30.0	70 - 130
n-Propylbenzene	2000	1830	91.5		30.0	70 - 130
2-Chlorotoluene	2000	1770	88.5		30.0	70 - 130
4-Chlorotoluene	2000	1910	95.5		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1830	91.5		30.0	70 - 130
tert-Butylbenzene	2000	1940	97.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1820	91.0		30.0	70 - 130
sec-Butylbenzene	2000	1870	93.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1840	92.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1860	93.0		30.0	70 - 130
4-Isopropyltoluene	2000	1900	95.0		30.0	70 - 130
n-Butylbenzene	2000	1830	91.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	1830	91.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1650	82.5		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1459

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082807LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1910	95.5		30.0	65 - 130
Hexachlorobutadiene	2000	1970	98.5		30.0	70 - 130
Naphthalene	2000	1860	93.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1990	99.5		30.0	70 - 130
MTBE	2000	2150	108.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1459

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082907LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1570	78.5		30.0	45 - 128
Chloromethane	2000	1490	74.5		30.0	70 - 130
Vinyl chloride	2000	1620	81.0		30.0	70 - 130
Bromomethane	2000	2460	123.0		30.0	39 - 148
Chloroethane	2000	1700	85.0		30.0	55 - 139
Trichlorofluoromethane	2000	1930	96.5		30.0	70 - 130
1,1-Dichloroethene	2000	2020	101.0		30.0	70 - 130
Acrolein	6000	4950	82.5		30.0	69 - 130
Methyl iodide	2000	2220	111.0		30.0	55 - 133
Carbon disulfide	2000	2080	104.0		30.0	65 - 130
Methylene chloride	2000	2130	106.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2070	104.0		30.0	70 - 130
Acrylonitrile	6000	5690	94.8		30.0	70 - 130
1,1-Dichloroethane	2000	1980	99.0		30.0	70 - 130
Acetone	6000	5530	92.2		30.0	58 - 133
2,2-Dichloropropane	2000	2360	118.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2000	100.0		30.0	70 - 130
Bromochloromethane	2000	1990	99.5		30.0	70 - 130
2-Butanone	6000	6210	104.0		30.0	70 - 130
Chloroform	2000	2070	104.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2050	102.0		30.0	70 - 130
Carbon tetrachloride	2000	2080	104.0		30.0	70 - 130
1,1-Dichloropropene	2000	2000	100.0		30.0	70 - 130
Benzene	2000	2000	100.0		30.0	70 - 130
1,2-Dichloroethane	2000	1960	98.0		30.0	70 - 130
Trichloroethene	2000	2120	106.0		30.0	70 - 130
Vinyl acetate	2000	2070	104.0		30.0	70 - 130
1,2-Dichloropropane	2000	2020	101.0		30.0	70 - 130
Dibromomethane	2000	2060	103.0		30.0	70 - 130
Bromodichloromethane	2000	2050	102.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2200	110.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5620	93.7		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1459

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082907LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2040	102.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2180	109.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2060	103.0		30.0	70 - 130
Tetrachloroethene	2000	2070	104.0		30.0	70 - 130
1,3-Dichloropropane	2000	1980	99.0		30.0	70 - 130
2-Hexanone	6000	5790	96.5		30.0	70 - 130
Dibromochloromethane	2000	1880	94.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2030	102.0		30.0	70 - 130
Chlorobenzene	2000	1940	97.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1820	91.0		30.0	70 - 130
Ethylbenzene	2000	2080	104.0		30.0	70 - 130
p,m-Xylene	4000	3940	98.5		30.0	70 - 130
o-Xylene	2000	1920	96.0		30.0	70 - 130
Styrene	2000	2000	100.0		30.0	70 - 130
Bromoform	2000	1820	91.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2010	100.0		30.0	70 - 130
Bromobenzene	2000	2150	108.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1980	99.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	1860	93.0		30.0	70 - 130
n-Propylbenzene	2000	1960	98.0		30.0	70 - 130
2-Chlorotoluene	2000	1920	96.0		30.0	70 - 130
4-Chlorotoluene	2000	2050	102.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1990	99.5		30.0	70 - 130
tert-Butylbenzene	2000	2050	102.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2000	100.0		30.0	70 - 130
sec-Butylbenzene	2000	1900	95.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
4-Isopropyltoluene	2000	1980	99.0		30.0	70 - 130
n-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2050	102.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2130	106.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1459

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082907LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1990	99.5		30.0	65 - 130
Hexachlorobutadiene	2000	1770	88.5		30.0	70 - 130
Naphthalene	2000	1880	94.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1960	98.0		30.0	70 - 130
MTBE	2000	2280	114.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1459

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

100907 1459

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 2,6-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Nitrophenol, bis(2-ethylhexyl)phthalate, Di-n-octylphthalate.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

Sample NPP D100 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 13.1 % with criteria of (25-121).

Sample NPP D102 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 18.3 % with criteria of (25-121).

Sample NPP D104 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 15.7 % with criteria of (25-121).

Sample NPP D105 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 15.8 % with criteria of (25-121).

Sample NPP D106 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 14.9 % with criteria of (25-121).

Sample NPP D107 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 14 % with criteria of (25-121).

Sample NPP D109 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 16.6 % with criteria of (25-121).

Sample NPP D110 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 14.7 % with criteria of (25-121).

Sample NPP D111 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 22 % with criteria of (25-121).

Sample NPP D112 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 118 % with criteria of (30-115).

Sample NPP D97 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 16.2 % with criteria of (25-121).

Sample NPP D99 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 15.3 % with criteria of (25-121).

Samples coded accordingly.

The surrogate variances are directly related to matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPP D100 NPP D102 NPP D104 NPP D105 NPP D106 NPP D107 NPP D109 NPP D110 NPP D111 NPP D112 NPP D112MS NPP D31 NPP D32 NPP D33 NPP D34 NPP D4 NPP D90 NPP D97 NPP D99

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

LCS 3352LCS was analyzed with the soil samples extracted on 08/27/07. The following analyte(s) were recovered below criteria: 2,4-Dinitrophenol at 0 % with criteria of (29-130), 2-Methyl-4,6-dinitrophenol at 24.2 % with criteria of (34-135), 3-Nitroaniline at 71.5 % with criteria of (76-110), 4-Nitrophenol at 31 % with criteria of (52-140), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), Benzyl alcohol at 38.8 % with criteria of (64-125), Di-n-octylphthalate at 51.5 % with criteria of (64-130), Pentachlorophenol at 13.2 % with criteria of (36-120).

The following analyte(s) were recovered above criteria: 1,2-Dichlorobenzene at 103 % with criteria of (65-95), 1,3-Dichlorobenzene at 110 % with criteria of (67-100), 1,4-Dichlorobenzene at 107 % with criteria of (62-105), 2-Methylnaphthalene at 112 % with criteria of (72-105), 4-Chlorophenyl-phenylether at 113 % with criteria of (65-110), Bis(2-Chloroethyl)ether at 107 % with criteria of (61-105), Dibenzofuran at 107 % with criteria of (75-105), Naphthalene at 110 % with criteria of (67-105).

The recoveries are directly related to the final volume adjustment of 10 ml for the LCS to demonstrate recoveries that would be found in the samples.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
The following samples were analyzed at a 1:10 dilution due to non-target analyte interference.
Sample NPP D100
Sample NPP D102
Sample NPP D104
Sample NPP D105
Sample NPP D106
Sample NPP D107
Sample NPP D109
Sample NPP D110
Sample NPP D111
Sample NPP D112

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

The following samples were analyzed at a 1:50 dilution due to non-target analyte interference.
Sample NPP D31
Sample NPP D32
Sample NPP D33
Sample NPP D34
Sample NPP D4
Sample NPP D90
Sample NPP D97
Sample NPP D99

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/06/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Method: 8270

EPA Sample No	Lab Sample ID
NPP D33	250744901
NPP D34	250744902
NPP D90	250744903
NPP D4	250744904
NPP D32	250744905
NPP D31	250744906
NPP D97	250744907
NPP D100	250744908
NPP D105	250744909
NPP D107	250744910
NPP D106	250744911
NPP D99	250744912
NPP D109	250744913
NPP D110	250744914
NPP D102	250744915
NPP D104	250744916
NPP D111	250744917
NPP D112	250744918

100907 1459

Sample Data

100907 1459

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D33

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744901 Lab File ID: 449-01D50.D

Sample wt/vol: 1.11 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1823

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	1800000	U
62-53-3	Aniline	1800000	U
111-44-4	Bis(2-Chloroethyl)ether	1800000	U
108-95-2	Phenol	9010000	U
95-57-8	2-Chlorophenol	1800000	U
541-73-1	1,3-Dichlorobenzene	1800000	U
106-46-7	1,4-Dichlorobenzene	1800000	U
95-50-1	1,2-Dichlorobenzene	1800000	U
100-51-6	Benzyl alcohol	4510000	U
108-60-1	2,2-Oxybis(1-chloropropane)	1820000	U
95-48-7	2-Methylphenol (o-Cresol)	1800000	U
67-72-1	Hexachloroethane	1820000	U
621-64-7	N-Nitroso-di-n-propylamine	1800000	U
106-44-5	4-Methylphenol	1800000	U
98-95-3	Nitrobenzene	1800000	U
78-59-1	Isophorone	1800000	U
88-75-5	2-Nitrophenol	1800000	U
105-67-9	2,4-Dimethylphenol	1800000	U
65-85-0	Benzoic acid	9010000	U
111-91-1	Bis(2-Chloroethoxy)methane	1800000	U
120-83-2	2,4-Dichlorophenol	1800000	U
120-82-1	1,2,4-Trichlorobenzene	1800000	U
91-20-3	Naphthalene	1800000	U
106-47-8	4-Chloroaniline	1800000	U
91-57-6	2-Methylnaphthalene	1800000	U
87-68-3	Hexachlorobutadiene	1800000	U
59-50-7	4-Chloro-3-methylphenol	1800000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D33

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744901 Lab File ID: 449-01D50.D

Sample wt/vol: 1.11 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1823

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	1800000	U
77-47-4	Hexachlorocyclopentadiene	4510000	U
88-06-2	2,4,6-Trichlorophenol	1800000	U
95-95-4	2,4,5-Trichlorophenol	1800000	U
91-58-7	2-Chloronaphthalene	1820000	U
88-74-4	2-Nitroaniline	1800000	U
208-96-8	Acenaphthylene	1800000	U
131-11-3	Dimethyl-phthalate	1800000	U
606-20-2	2,6-Dinitrotoluene	1800000	U
83-32-9	Acenaphthene	1800000	U
99-09-2	3-Nitroaniline	1800000	U
51-28-5	2,4-Dinitrophenol	9050000	U
132-64-9	Dibenzofuran	1800000	U
121-14-2	2,4-Dinitrotoluene	1800000	U
100-02-7	4-Nitrophenol	4510000	U
86-73-7	Fluorene	1800000	U
7005-72-3	4-Chlorophenyl-phenylether	1800000	U
84-66-2	Diethylphthalate	1800000	U
100-01-6	4-Nitroaniline	1800000	U
534-52-1	2-Methyl-4,6-dinitrophenol	9010000	U
86-30-6	N-Nitrosodiphenylamine	1800000	U
101-55-3	4-Bromophenyl-phenylether	1800000	U
118-74-1	Hexachlorobenzene	1800000	U
87-86-5	Pentachlorophenol	9010000	U
85-01-8	Phenanthrene	1800000	U
120-12-7	Anthracene	1800000	U
84-74-2	Di-n-butylphthalate	1800000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D33

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744901 Lab File ID: 449-01D50.D

Sample wt/vol: 1.11 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1823

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	1800000	U
129-00-0	Pyrene	1800000	U
92-87-5	Benzidine	4530000	U
85-68-7	Butylbenzylphthalate	1800000	U
91-94-1	3,3'-Dichlorobenzidine	1800000	U
56-55-3	Benzo(a)anthracene	1800000	U
218-01-9	Chrysene	1800000	U
117-81-7	bis(2-ethylhexyl)phthalate	1800000	U
117-84-0	Di-n-octylphthalate	1800000	U
205-99-2	Benzo(b)fluoranthene	1800000	U
207-08-9	Benzo(k)fluoranthene	1800000	U
50-32-8	Benzo(a)pyrene	1800000	U
193-39-5	Indeno(1,2,3-cd)pyrene	1800000	U
53-70-3	Dibenz(a,h)anthracene	1800000	U
191-24-2	Benzo(g,h,i)perylene	1800000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744902 Lab File ID: 449-02D50.D

Sample wt/vol: 1.08 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1853

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	1850000	U
62-53-3	Aniline	1850000	U
111-44-4	Bis(2-Chloroethyl)ether	1850000	U
108-95-2	Phenol	9260000	U
95-57-8	2-Chlorophenol	1850000	U
541-73-1	1,3-Dichlorobenzene	1850000	U
106-46-7	1,4-Dichlorobenzene	1850000	U
95-50-1	1,2-Dichlorobenzene	1850000	U
100-51-6	Benzyl alcohol	4630000	U
108-60-1	2,2-Oxybis(1-chloropropane)	1870000	U
95-48-7	2-Methylphenol (o-Cresol)	1850000	U
67-72-1	Hexachloroethane	1870000	U
621-64-7	N-Nitroso-di-n-propylamine	1850000	U
106-44-5	4-Methylphenol	1850000	U
98-95-3	Nitrobenzene	1850000	U
78-59-1	Isophorone	1850000	U
88-75-5	2-Nitrophenol	1850000	U
105-67-9	2,4-Dimethylphenol	1850000	U
65-85-0	Benzoic acid	9260000	U
111-91-1	Bis(2-Chloroethoxy)methane	1850000	U
120-83-2	2,4-Dichlorophenol	1850000	U
120-82-1	1,2,4-Trichlorobenzene	1850000	U
91-20-3	Naphthalene	1850000	U
106-47-8	4-Chloroaniline	1850000	U
91-57-6	2-Methylnaphthalene	1850000	U
87-68-3	Hexachlorobutadiene	1850000	U
59-50-7	4-Chloro-3-methylphenol	1850000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744902 Lab File ID: 449-02D50.D

Sample wt/vol: 1.08 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1853

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	1850000	U
77-47-4	Hexachlorocyclopentadiene	4630000	U
88-06-2	2,4,6-Trichlorophenol	1850000	U
95-95-4	2,4,5-Trichlorophenol	1850000	U
91-58-7	2-Chloronaphthalene	1870000	U
88-74-4	2-Nitroaniline	1850000	U
208-96-8	Acenaphthylene	1850000	U
131-11-3	Dimethyl-phthalate	1850000	U
606-20-2	2,6-Dinitrotoluene	1850000	U
83-32-9	Acenaphthene	1850000	U
99-09-2	3-Nitroaniline	1850000	U
51-28-5	2,4-Dinitrophenol	9300000	U
132-64-9	Dibenzofuran	1850000	U
121-14-2	2,4-Dinitrotoluene	1850000	U
100-02-7	4-Nitrophenol	4630000	U
86-73-7	Fluorene	1850000	U
7005-72-3	4-Chlorophenyl-phenylether	1850000	U
84-66-2	Diethylphthalate	1850000	U
100-01-6	4-Nitroaniline	1850000	U
534-52-1	2-Methyl-4,6-dinitrophenol	9260000	U
86-30-6	N-Nitrosodiphenylamine	1850000	U
101-55-3	4-Bromophenyl-phenylether	1850000	U
118-74-1	Hexachlorobenzene	1850000	U
87-86-5	Pentachlorophenol	9260000	U
85-01-8	Phenanthrene	1850000	U
120-12-7	Anthracene	1850000	U
84-74-2	Di-n-butylphthalate	1850000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744902 Lab File ID: 449-02D50.D

Sample wt/vol: 1.08 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1853

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	1850000	U
129-00-0	Pyrene	1850000	U
92-87-5	Benzidine	4650000	U
85-68-7	Butylbenzylphthalate	1850000	U
91-94-1	3,3'-Dichlorobenzidine	1850000	U
56-55-3	Benzo(a)anthracene	1850000	U
218-01-9	Chrysene	1850000	U
117-81-7	bis(2-ethylhexyl)phthalate	1850000	U
117-84-0	Di-n-octylphthalate	1850000	U
205-99-2	Benzo(b)fluoranthene	1850000	U
207-08-9	Benzo(k)fluoranthene	1850000	U
50-32-8	Benzo(a)pyrene	1850000	U
193-39-5	Indeno(1,2,3-cd)pyrene	1850000	U
53-70-3	Dibenz(a,h)anthracene	1850000	U
191-24-2	Benzo(g,h,i)perylene	1850000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D90

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744903 Lab File ID: 449-03D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1922

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	345000	U
62-53-3	Aniline	345000	U
111-44-4	Bis(2-Chloroethyl)ether	345000	U
108-95-2	Phenol	366000	J
95-57-8	2-Chlorophenol	345000	U
541-73-1	1,3-Dichlorobenzene	345000	U
106-46-7	1,4-Dichlorobenzene	345000	U
95-50-1	1,2-Dichlorobenzene	345000	U
100-51-6	Benzyl alcohol	862000	U
108-60-1	2,2-Oxybis(1-chloropropane)	349000	U
95-48-7	2-Methylphenol (o-Cresol)	345000	U
67-72-1	Hexachloroethane	349000	U
621-64-7	N-Nitroso-di-n-propylamine	345000	U
106-44-5	4-Methylphenol	345000	U
98-95-3	Nitrobenzene	345000	U
78-59-1	Isophorone	345000	U
88-75-5	2-Nitrophenol	345000	U
105-67-9	2,4-Dimethylphenol	345000	U
65-85-0	Benzoic acid	1720000	U
111-91-1	Bis(2-Chloroethoxy)methane	345000	U
120-83-2	2,4-Dichlorophenol	345000	U
120-82-1	1,2,4-Trichlorobenzene	345000	U
91-20-3	Naphthalene	345000	U
106-47-8	4-Chloroaniline	345000	U
91-57-6	2-Methylnaphthalene	345000	U
87-68-3	Hexachlorobutadiene	345000	U
59-50-7	4-Chloro-3-methylphenol	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D90

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744903 Lab File ID: 449-03D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1922

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	345000	U
77-47-4	Hexachlorocyclopentadiene	862000	U
88-06-2	2,4,6-Trichlorophenol	345000	U
95-95-4	2,4,5-Trichlorophenol	345000	U
91-58-7	2-Chloronaphthalene	349000	U
88-74-4	2-Nitroaniline	345000	U
208-96-8	Acenaphthylene	345000	U
131-11-3	Dimethyl-phthalate	345000	U
606-20-2	2,6-Dinitrotoluene	345000	U
83-32-9	Acenaphthene	345000	U
99-09-2	3-Nitroaniline	345000	U
51-28-5	2,4-Dinitrophenol	1730000	U
132-64-9	Dibenzofuran	345000	U
121-14-2	2,4-Dinitrotoluene	345000	U
100-02-7	4-Nitrophenol	862000	U
86-73-7	Fluorene	345000	U
7005-72-3	4-Chlorophenyl-phenylether	345000	U
84-66-2	Diethylphthalate	345000	U
100-01-6	4-Nitroaniline	345000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1720000	U
86-30-6	N-Nitrosodiphenylamine	345000	U
101-55-3	4-Bromophenyl-phenylether	345000	U
118-74-1	Hexachlorobenzene	345000	U
87-86-5	Pentachlorophenol	1720000	U
85-01-8	Phenanthrene	345000	U
120-12-7	Anthracene	345000	U
84-74-2	Di-n-butylphthalate	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D90

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744903 Lab File ID: 449-03D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1922

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	345000	U
129-00-0	Pyrene	345000	U
92-87-5	Benzidine	866000	U
85-68-7	Butylbenzylphthalate	345000	U
91-94-1	3,3'-Dichlorobenzidine	345000	U
56-55-3	Benzo(a)anthracene	345000	U
218-01-9	Chrysene	345000	U
117-81-7	bis(2-ethylhexyl)phthalate	345000	U
117-84-0	Di-n-octylphthalate	345000	U
205-99-2	Benzo(b)fluoranthene	345000	U
207-08-9	Benzo(k)fluoranthene	345000	U
50-32-8	Benzo(a)pyrene	345000	U
193-39-5	Indeno(1,2,3-cd)pyrene	345000	U
53-70-3	Dibenz(a,h)anthracene	345000	U
191-24-2	Benzo(g,h,i)perylene	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744904 Lab File ID: 449-04D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1952

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	334000	U
62-53-3	Aniline	334000	U
111-44-4	Bis(2-Chloroethyl)ether	334000	U
108-95-2	Phenol	304000	J
95-57-8	2-Chlorophenol	334000	U
541-73-1	1,3-Dichlorobenzene	334000	U
106-46-7	1,4-Dichlorobenzene	334000	U
95-50-1	1,2-Dichlorobenzene	334000	U
100-51-6	Benzyl alcohol	834000	U
108-60-1	2,2-Oxybis(1-chloropropane)	338000	U
95-48-7	2-Methylphenol (o-Cresol)	334000	U
67-72-1	Hexachloroethane	338000	U
621-64-7	N-Nitroso-di-n-propylamine	334000	U
106-44-5	4-Methylphenol	334000	U
98-95-3	Nitrobenzene	334000	U
78-59-1	Isophorone	334000	U
88-75-5	2-Nitrophenol	334000	U
105-67-9	2,4-Dimethylphenol	334000	U
65-85-0	Benzoic acid	1670000	U
111-91-1	Bis(2-Chloroethoxy)methane	334000	U
120-83-2	2,4-Dichlorophenol	334000	U
120-82-1	1,2,4-Trichlorobenzene	334000	U
91-20-3	Naphthalene	334000	U
106-47-8	4-Chloroaniline	334000	U
91-57-6	2-Methylnaphthalene	334000	U
87-68-3	Hexachlorobutadiene	334000	U
59-50-7	4-Chloro-3-methylphenol	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744904 Lab File ID: 449-04D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1952

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	334000	U
77-47-4	Hexachlorocyclopentadiene	834000	U
88-06-2	2,4,6-Trichlorophenol	334000	U
95-95-4	2,4,5-Trichlorophenol	334000	U
91-58-7	2-Chloronaphthalene	338000	U
88-74-4	2-Nitroaniline	334000	U
208-96-8	Acenaphthylene	334000	U
131-11-3	Dimethyl-phthalate	334000	U
606-20-2	2,6-Dinitrotoluene	334000	U
83-32-9	Acenaphthene	334000	U
99-09-2	3-Nitroaniline	334000	U
51-28-5	2,4-Dinitrophenol	1680000	U
132-64-9	Dibenzofuran	334000	U
121-14-2	2,4-Dinitrotoluene	334000	U
100-02-7	4-Nitrophenol	834000	U
86-73-7	Fluorene	334000	U
7005-72-3	4-Chlorophenyl-phenylether	334000	U
84-66-2	Diethylphthalate	334000	U
100-01-6	4-Nitroaniline	334000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1670000	U
86-30-6	N-Nitrosodiphenylamine	334000	U
101-55-3	4-Bromophenyl-phenylether	334000	U
118-74-1	Hexachlorobenzene	334000	U
87-86-5	Pentachlorophenol	1670000	U
85-01-8	Phenanthrene	334000	U
120-12-7	Anthracene	334000	U
84-74-2	Di-n-butylphthalate	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744904 Lab File ID: 449-04D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1952

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	334000	U
129-00-0	Pyrene	334000	U
92-87-5	Benzidine	838000	U
85-68-7	Butylbenzylphthalate	334000	U
91-94-1	3,3'-Dichlorobenzidine	334000	U
56-55-3	Benzo(a)anthracene	334000	U
218-01-9	Chrysene	334000	U
117-81-7	bis(2-ethylhexyl)phthalate	334000	U
117-84-0	Di-n-octylphthalate	334000	U
205-99-2	Benzo(b)fluoranthene	334000	U
207-08-9	Benzo(k)fluoranthene	334000	U
50-32-8	Benzo(a)pyrene	334000	U
193-39-5	Indeno(1,2,3-cd)pyrene	334000	U
53-70-3	Dibenz(a,h)anthracene	334000	U
191-24-2	Benzo(g,h,i)perylene	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744905 Lab File ID: 449-05D50.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2022

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	1840000	U
62-53-3	Aniline	1840000	U
111-44-4	Bis(2-Chloroethyl)ether	1840000	U
108-95-2	Phenol	9180000	U
95-57-8	2-Chlorophenol	1840000	U
541-73-1	1,3-Dichlorobenzene	1840000	U
106-46-7	1,4-Dichlorobenzene	1840000	U
95-50-1	1,2-Dichlorobenzene	1840000	U
100-51-6	Benzyl alcohol	4590000	U
108-60-1	2,2-Oxybis(1-chloropropane)	1860000	U
95-48-7	2-Methylphenol (o-Cresol)	1840000	U
67-72-1	Hexachloroethane	1860000	U
621-64-7	N-Nitroso-di-n-propylamine	1840000	U
106-44-5	4-Methylphenol	1840000	U
98-95-3	Nitrobenzene	1840000	U
78-59-1	Isophorone	1840000	U
88-75-5	2-Nitrophenol	1840000	U
105-67-9	2,4-Dimethylphenol	1840000	U
65-85-0	Benzoic acid	9180000	U
111-91-1	Bis(2-Chloroethoxy)methane	1840000	U
120-83-2	2,4-Dichlorophenol	1840000	U
120-82-1	1,2,4-Trichlorobenzene	1840000	U
91-20-3	Naphthalene	1840000	U
106-47-8	4-Chloroaniline	1840000	U
91-57-6	2-Methylnaphthalene	1840000	U
87-68-3	Hexachlorobutadiene	1840000	U
59-50-7	4-Chloro-3-methylphenol	1840000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744905 Lab File ID: 449-05D50.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2022

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	1840000	U
77-47-4	Hexachlorocyclopentadiene	4590000	U
88-06-2	2,4,6-Trichlorophenol	1840000	U
95-95-4	2,4,5-Trichlorophenol	1840000	U
91-58-7	2-Chloronaphthalene	1860000	U
88-74-4	2-Nitroaniline	1840000	U
208-96-8	Acenaphthylene	1840000	U
131-11-3	Dimethyl-phthalate	1840000	U
606-20-2	2,6-Dinitrotoluene	1840000	U
83-32-9	Acenaphthene	1840000	U
99-09-2	3-Nitroaniline	1840000	U
51-28-5	2,4-Dinitrophenol	9220000	U
132-64-9	Dibenzofuran	1840000	U
121-14-2	2,4-Dinitrotoluene	1840000	U
100-02-7	4-Nitrophenol	4590000	U
86-73-7	Fluorene	1840000	U
7005-72-3	4-Chlorophenyl-phenylether	1840000	U
84-66-2	Diethylphthalate	1840000	U
100-01-6	4-Nitroaniline	1840000	U
534-52-1	2-Methyl-4,6-dinitrophenol	9180000	U
86-30-6	N-Nitrosodiphenylamine	1840000	U
101-55-3	4-Bromophenyl-phenylether	1840000	U
118-74-1	Hexachlorobenzene	1840000	U
87-86-5	Pentachlorophenol	9180000	U
85-01-8	Phenanthrene	1840000	U
120-12-7	Anthracene	1840000	U
84-74-2	Di-n-butylphthalate	1840000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744905 Lab File ID: 449-05D50.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2022

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	1840000	U
129-00-0	Pyrene	1840000	U
92-87-5	Benzidine	4610000	U
85-68-7	Butylbenzylphthalate	1840000	U
91-94-1	3,3'-Dichlorobenzidine	1840000	U
56-55-3	Benzo(a)anthracene	1840000	U
218-01-9	Chrysene	1840000	U
117-81-7	bis(2-ethylhexyl)phthalate	1840000	U
117-84-0	Di-n-octylphthalate	1840000	U
205-99-2	Benzo(b)fluoranthene	1840000	U
207-08-9	Benzo(k)fluoranthene	1840000	U
50-32-8	Benzo(a)pyrene	1840000	U
193-39-5	Indeno(1,2,3-cd)pyrene	1840000	U
53-70-3	Dibenz(a,h)anthracene	1840000	U
191-24-2	Benzo(g,h,i)perylene	1840000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D31

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744906 Lab File ID: 449-06D50.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2052

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	1730000	U
62-53-3	Aniline	1730000	U
111-44-4	Bis(2-Chloroethyl)ether	1730000	U
108-95-2	Phenol	8620000	U
95-57-8	2-Chlorophenol	1730000	U
541-73-1	1,3-Dichlorobenzene	1730000	U
106-46-7	1,4-Dichlorobenzene	1730000	U
95-50-1	1,2-Dichlorobenzene	1730000	U
100-51-6	Benzyl alcohol	4310000	U
108-60-1	2,2-Oxybis(1-chloropropane)	1740000	U
95-48-7	2-Methylphenol (o-Cresol)	1730000	U
67-72-1	Hexachloroethane	1740000	U
621-64-7	N-Nitroso-di-n-propylamine	1730000	U
106-44-5	4-Methylphenol	1730000	U
98-95-3	Nitrobenzene	1730000	U
78-59-1	Isophorone	1730000	U
88-75-5	2-Nitrophenol	1730000	U
105-67-9	2,4-Dimethylphenol	1730000	U
65-85-0	Benzoic acid	8620000	U
111-91-1	Bis(2-Chloroethoxy)methane	1730000	U
120-83-2	2,4-Dichlorophenol	1730000	U
120-82-1	1,2,4-Trichlorobenzene	1730000	U
91-20-3	Naphthalene	1730000	U
106-47-8	4-Chloroaniline	1730000	U
91-57-6	2-Methylnaphthalene	1730000	U
87-68-3	Hexachlorobutadiene	1730000	U
59-50-7	4-Chloro-3-methylphenol	1730000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D31

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744906 Lab File ID: 449-06D50.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2052

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	1730000	U
77-47-4	Hexachlorocyclopentadiene	4310000	U
88-06-2	2,4,6-Trichlorophenol	1730000	U
95-95-4	2,4,5-Trichlorophenol	1730000	U
91-58-7	2-Chloronaphthalene	1740000	U
88-74-4	2-Nitroaniline	1730000	U
208-96-8	Acenaphthylene	1730000	U
131-11-3	Dimethyl-phthalate	1730000	U
606-20-2	2,6-Dinitrotoluene	1730000	U
83-32-9	Acenaphthene	1730000	U
99-09-2	3-Nitroaniline	1730000	U
51-28-5	2,4-Dinitrophenol	8660000	U
132-64-9	Dibenzofuran	1730000	U
121-14-2	2,4-Dinitrotoluene	1730000	U
100-02-7	4-Nitrophenol	4310000	U
86-73-7	Fluorene	1730000	U
7005-72-3	4-Chlorophenyl-phenylether	1730000	U
84-66-2	Diethylphthalate	1730000	U
100-01-6	4-Nitroaniline	1730000	U
534-52-1	2-Methyl-4,6-dinitrophenol	8620000	U
86-30-6	N-Nitrosodiphenylamine	1730000	U
101-55-3	4-Bromophenyl-phenylether	1730000	U
118-74-1	Hexachlorobenzene	1730000	U
87-86-5	Pentachlorophenol	8620000	U
85-01-8	Phenanthrene	1730000	U
120-12-7	Anthracene	1730000	U
84-74-2	Di-n-butylphthalate	1730000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D31

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744906 Lab File ID: 449-06D50.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2052

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	1730000	U
129-00-0	Pyrene	1730000	U
92-87-5	Benzidine	4330000	U
85-68-7	Butylbenzylphthalate	1730000	U
91-94-1	3,3'-Dichlorobenzidine	1730000	U
56-55-3	Benzo(a)anthracene	1730000	U
218-01-9	Chrysene	1730000	U
117-81-7	bis(2-ethylhexyl)phthalate	1730000	U
117-84-0	Di-n-octylphthalate	1730000	U
205-99-2	Benzo(b)fluoranthene	1730000	U
207-08-9	Benzo(k)fluoranthene	1730000	U
50-32-8	Benzo(a)pyrene	1730000	U
193-39-5	Indeno(1,2,3-cd)pyrene	1730000	U
53-70-3	Dibenz(a,h)anthracene	1730000	U
191-24-2	Benzo(g,h,i)perylene	1730000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D97

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744907 Lab File ID: 449-07D10.D

Sample wt/vol: 1.13 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2122

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	354000	U
62-53-3	Aniline	354000	U
111-44-4	Bis(2-Chloroethyl)ether	354000	U
108-95-2	Phenol	1770000	U
95-57-8	2-Chlorophenol	354000	U
541-73-1	1,3-Dichlorobenzene	354000	U
106-46-7	1,4-Dichlorobenzene	354000	U
95-50-1	1,2-Dichlorobenzene	354000	U
100-51-6	Benzyl alcohol	885000	U
108-60-1	2,2-Oxybis(1-chloropropane)	358000	U
95-48-7	2-Methylphenol (o-Cresol)	354000	U
67-72-1	Hexachloroethane	358000	U
621-64-7	N-Nitroso-di-n-propylamine	354000	U
106-44-5	4-Methylphenol	354000	U
98-95-3	Nitrobenzene	354000	U
78-59-1	Isophorone	354000	U
88-75-5	2-Nitrophenol	354000	U
105-67-9	2,4-Dimethylphenol	354000	U
65-85-0	Benzoic acid	1770000	U
111-91-1	Bis(2-Chloroethoxy)methane	354000	U
120-83-2	2,4-Dichlorophenol	354000	U
120-82-1	1,2,4-Trichlorobenzene	354000	U
91-20-3	Naphthalene	354000	U
106-47-8	4-Chloroaniline	354000	U
91-57-6	2-Methylnaphthalene	354000	U
87-68-3	Hexachlorobutadiene	354000	U
59-50-7	4-Chloro-3-methylphenol	354000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D97

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744907 Lab File ID: 449-07D10.D

Sample wt/vol: 1.13 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2122

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	354000	U
77-47-4	Hexachlorocyclopentadiene	885000	U
88-06-2	2,4,6-Trichlorophenol	354000	U
95-95-4	2,4,5-Trichlorophenol	354000	U
91-58-7	2-Chloronaphthalene	358000	U
88-74-4	2-Nitroaniline	354000	U
208-96-8	Acenaphthylene	354000	U
131-11-3	Dimethyl-phthalate	354000	U
606-20-2	2,6-Dinitrotoluene	354000	U
83-32-9	Acenaphthene	354000	U
99-09-2	3-Nitroaniline	354000	U
51-28-5	2,4-Dinitrophenol	1780000	U
132-64-9	Dibenzofuran	354000	U
121-14-2	2,4-Dinitrotoluene	354000	U
100-02-7	4-Nitrophenol	885000	U
86-73-7	Fluorene	354000	U
7005-72-3	4-Chlorophenyl-phenylether	354000	U
84-66-2	Diethylphthalate	354000	U
100-01-6	4-Nitroaniline	354000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1770000	U
86-30-6	N-Nitrosodiphenylamine	354000	U
101-55-3	4-Bromophenyl-phenylether	354000	U
118-74-1	Hexachlorobenzene	354000	U
87-86-5	Pentachlorophenol	1770000	U
85-01-8	Phenanthrene	354000	U
120-12-7	Anthracene	354000	U
84-74-2	Di-n-butylphthalate	354000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D97

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744907 Lab File ID: 449-07D10.D

Sample wt/vol: 1.13 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2122

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	354000	U
129-00-0	Pyrene	354000	U
92-87-5	Benzidine	889000	U
85-68-7	Butylbenzylphthalate	354000	U
91-94-1	3,3'-Dichlorobenzidine	354000	U
56-55-3	Benzo(a)anthracene	354000	U
218-01-9	Chrysene	354000	U
117-81-7	bis(2-ethylhexyl)phthalate	354000	U
117-84-0	Di-n-octylphthalate	354000	U
205-99-2	Benzo(b)fluoranthene	354000	U
207-08-9	Benzo(k)fluoranthene	354000	U
50-32-8	Benzo(a)pyrene	354000	U
193-39-5	Indeno(1,2,3-cd)pyrene	354000	U
53-70-3	Dibenz(a,h)anthracene	354000	U
191-24-2	Benzo(g,h,i)perylene	354000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D100

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744908 Lab File ID: 449-08D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2151

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	334000	U
62-53-3	Aniline	334000	U
111-44-4	Bis(2-Chloroethyl)ether	334000	U
108-95-2	Phenol	1670000	U
95-57-8	2-Chlorophenol	334000	U
541-73-1	1,3-Dichlorobenzene	334000	U
106-46-7	1,4-Dichlorobenzene	334000	U
95-50-1	1,2-Dichlorobenzene	334000	U
100-51-6	Benzyl alcohol	834000	U
108-60-1	2,2-Oxybis(1-chloropropane)	338000	U
95-48-7	2-Methylphenol (o-Cresol)	334000	U
67-72-1	Hexachloroethane	338000	U
621-64-7	N-Nitroso-di-n-propylamine	334000	U
106-44-5	4-Methylphenol	334000	U
98-95-3	Nitrobenzene	334000	U
78-59-1	Isophorone	334000	U
88-75-5	2-Nitrophenol	334000	U
105-67-9	2,4-Dimethylphenol	334000	U
65-85-0	Benzoic acid	1670000	U
111-91-1	Bis(2-Chloroethoxy)methane	334000	U
120-83-2	2,4-Dichlorophenol	334000	U
120-82-1	1,2,4-Trichlorobenzene	334000	U
91-20-3	Naphthalene	334000	U
106-47-8	4-Chloroaniline	334000	U
91-57-6	2-Methylnaphthalene	334000	U
87-68-3	Hexachlorobutadiene	334000	U
59-50-7	4-Chloro-3-methylphenol	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D100

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744908 Lab File ID: 449-08D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2151

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	334000	U
77-47-4	Hexachlorocyclopentadiene	834000	U
88-06-2	2,4,6-Trichlorophenol	334000	U
95-95-4	2,4,5-Trichlorophenol	334000	U
91-58-7	2-Chloronaphthalene	338000	U
88-74-4	2-Nitroaniline	334000	U
208-96-8	Acenaphthylene	334000	U
131-11-3	Dimethyl-phthalate	334000	U
606-20-2	2,6-Dinitrotoluene	334000	U
83-32-9	Acenaphthene	334000	U
99-09-2	3-Nitroaniline	334000	U
51-28-5	2,4-Dinitrophenol	1680000	U
132-64-9	Dibenzofuran	334000	U
121-14-2	2,4-Dinitrotoluene	334000	U
100-02-7	4-Nitrophenol	834000	U
86-73-7	Fluorene	334000	U
7005-72-3	4-Chlorophenyl-phenylether	334000	U
84-66-2	Diethylphthalate	334000	U
100-01-6	4-Nitroaniline	334000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1670000	U
86-30-6	N-Nitrosodiphenylamine	334000	U
101-55-3	4-Bromophenyl-phenylether	334000	U
118-74-1	Hexachlorobenzene	334000	U
87-86-5	Pentachlorophenol	1670000	U
85-01-8	Phenanthrene	334000	U
120-12-7	Anthracene	334000	U
84-74-2	Di-n-butylphthalate	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D100

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744908 Lab File ID: 449-08D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2151

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	334000	U
129-00-0	Pyrene	334000	U
92-87-5	Benzidine	838000	U
85-68-7	Butylbenzylphthalate	334000	U
91-94-1	3,3'-Dichlorobenzidine	334000	U
56-55-3	Benzo(a)anthracene	334000	U
218-01-9	Chrysene	334000	U
117-81-7	bis(2-ethylhexyl)phthalate	334000	U
117-84-0	Di-n-octylphthalate	334000	U
205-99-2	Benzo(b)fluoranthene	334000	U
207-08-9	Benzo(k)fluoranthene	334000	U
50-32-8	Benzo(a)pyrene	334000	U
193-39-5	Indeno(1,2,3-cd)pyrene	334000	U
53-70-3	Dibenz(a,h)anthracene	334000	U
191-24-2	Benzo(g,h,i)perylene	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D105

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744909 Lab File ID: 449-09D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2221

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D105

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744909 Lab File ID: 449-09D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2221

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D105

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744909 Lab File ID: 449-09D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2221

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D107

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744910 Lab File ID: 449-10D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2251

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	334000	U
62-53-3	Aniline	334000	U
111-44-4	Bis(2-Chloroethyl)ether	334000	U
108-95-2	Phenol	1670000	U
95-57-8	2-Chlorophenol	334000	U
541-73-1	1,3-Dichlorobenzene	334000	U
106-46-7	1,4-Dichlorobenzene	334000	U
95-50-1	1,2-Dichlorobenzene	334000	U
100-51-6	Benzyl alcohol	834000	U
108-60-1	2,2-Oxybis(1-chloropropane)	338000	U
95-48-7	2-Methylphenol (o-Cresol)	334000	U
67-72-1	Hexachloroethane	338000	U
621-64-7	N-Nitroso-di-n-propylamine	334000	U
106-44-5	4-Methylphenol	334000	U
98-95-3	Nitrobenzene	334000	U
78-59-1	Isophorone	334000	U
88-75-5	2-Nitrophenol	334000	U
105-67-9	2,4-Dimethylphenol	334000	U
65-85-0	Benzoic acid	1670000	U
111-91-1	Bis(2-Chloroethoxy)methane	334000	U
120-83-2	2,4-Dichlorophenol	334000	U
120-82-1	1,2,4-Trichlorobenzene	334000	U
91-20-3	Naphthalene	334000	U
106-47-8	4-Chloroaniline	334000	U
91-57-6	2-Methylnaphthalene	334000	U
87-68-3	Hexachlorobutadiene	334000	U
59-50-7	4-Chloro-3-methylphenol	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D107

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744910 Lab File ID: 449-10D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2251

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	334000	U
77-47-4	Hexachlorocyclopentadiene	834000	U
88-06-2	2,4,6-Trichlorophenol	334000	U
95-95-4	2,4,5-Trichlorophenol	334000	U
91-58-7	2-Chloronaphthalene	338000	U
88-74-4	2-Nitroaniline	334000	U
208-96-8	Acenaphthylene	334000	U
131-11-3	Dimethyl-phthalate	334000	U
606-20-2	2,6-Dinitrotoluene	334000	U
83-32-9	Acenaphthene	334000	U
99-09-2	3-Nitroaniline	334000	U
51-28-5	2,4-Dinitrophenol	1680000	U
132-64-9	Dibenzofuran	334000	U
121-14-2	2,4-Dinitrotoluene	334000	U
100-02-7	4-Nitrophenol	834000	U
86-73-7	Fluorene	334000	U
7005-72-3	4-Chlorophenyl-phenylether	334000	U
84-66-2	Diethylphthalate	334000	U
100-01-6	4-Nitroaniline	334000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1670000	U
86-30-6	N-Nitrosodiphenylamine	334000	U
101-55-3	4-Bromophenyl-phenylether	334000	U
118-74-1	Hexachlorobenzene	334000	U
87-86-5	Pentachlorophenol	1670000	U
85-01-8	Phenanthrene	334000	U
120-12-7	Anthracene	334000	U
84-74-2	Di-n-butylphthalate	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D107

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744910 Lab File ID: 449-10D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2251

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	334000	U
129-00-0	Pyrene	334000	U
92-87-5	Benzidine	838000	U
85-68-7	Butylbenzylphthalate	334000	U
91-94-1	3,3'-Dichlorobenzidine	334000	U
56-55-3	Benzo(a)anthracene	334000	U
218-01-9	Chrysene	334000	U
117-81-7	bis(2-ethylhexyl)phthalate	334000	U
117-84-0	Di-n-octylphthalate	334000	U
205-99-2	Benzo(b)fluoranthene	334000	U
207-08-9	Benzo(k)fluoranthene	334000	U
50-32-8	Benzo(a)pyrene	334000	U
193-39-5	Indeno(1,2,3-cd)pyrene	334000	U
53-70-3	Dibenz(a,h)anthracene	334000	U
191-24-2	Benzo(g,h,i)perylene	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D106

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744911 Lab File ID: 449-11D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2320

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	336000	U
62-53-3	Aniline	336000	U
111-44-4	Bis(2-Chloroethyl)ether	336000	U
108-95-2	Phenol	1680000	U
95-57-8	2-Chlorophenol	336000	U
541-73-1	1,3-Dichlorobenzene	336000	U
106-46-7	1,4-Dichlorobenzene	336000	U
95-50-1	1,2-Dichlorobenzene	336000	U
100-51-6	Benzyl alcohol	841000	U
108-60-1	2,2-Oxybis(1-chloropropane)	340000	U
95-48-7	2-Methylphenol (o-Cresol)	336000	U
67-72-1	Hexachloroethane	340000	U
621-64-7	N-Nitroso-di-n-propylamine	336000	U
106-44-5	4-Methylphenol	336000	U
98-95-3	Nitrobenzene	336000	U
78-59-1	Isophorone	336000	U
88-75-5	2-Nitrophenol	336000	U
105-67-9	2,4-Dimethylphenol	336000	U
65-85-0	Benzoic acid	1680000	U
111-91-1	Bis(2-Chloroethoxy)methane	336000	U
120-83-2	2,4-Dichlorophenol	336000	U
120-82-1	1,2,4-Trichlorobenzene	336000	U
91-20-3	Naphthalene	336000	U
106-47-8	4-Chloroaniline	336000	U
91-57-6	2-Methylnaphthalene	336000	U
87-68-3	Hexachlorobutadiene	336000	U
59-50-7	4-Chloro-3-methylphenol	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D106

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744911 Lab File ID: 449-11D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2320

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	336000	U
77-47-4	Hexachlorocyclopentadiene	841000	U
88-06-2	2,4,6-Trichlorophenol	336000	U
95-95-4	2,4,5-Trichlorophenol	336000	U
91-58-7	2-Chloronaphthalene	340000	U
88-74-4	2-Nitroaniline	336000	U
208-96-8	Acenaphthylene	336000	U
131-11-3	Dimethyl-phthalate	336000	U
606-20-2	2,6-Dinitrotoluene	336000	U
83-32-9	Acenaphthene	336000	U
99-09-2	3-Nitroaniline	336000	U
51-28-5	2,4-Dinitrophenol	1690000	U
132-64-9	Dibenzofuran	336000	U
121-14-2	2,4-Dinitrotoluene	336000	U
100-02-7	4-Nitrophenol	841000	U
86-73-7	Fluorene	336000	U
7005-72-3	4-Chlorophenyl-phenylether	336000	U
84-66-2	Diethylphthalate	336000	U
100-01-6	4-Nitroaniline	336000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1680000	U
86-30-6	N-Nitrosodiphenylamine	336000	U
101-55-3	4-Bromophenyl-phenylether	336000	U
118-74-1	Hexachlorobenzene	336000	U
87-86-5	Pentachlorophenol	1680000	U
85-01-8	Phenanthrene	336000	U
120-12-7	Anthracene	336000	U
84-74-2	Di-n-butylphthalate	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D106

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744911 Lab File ID: 449-11D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2320

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	336000	U
129-00-0	Pyrene	336000	U
92-87-5	Benzidine	844000	U
85-68-7	Butylbenzylphthalate	336000	U
91-94-1	3,3'-Dichlorobenzidine	336000	U
56-55-3	Benzo(a)anthracene	336000	U
218-01-9	Chrysene	336000	U
117-81-7	bis(2-ethylhexyl)phthalate	336000	U
117-84-0	Di-n-octylphthalate	336000	U
205-99-2	Benzo(b)fluoranthene	336000	U
207-08-9	Benzo(k)fluoranthene	336000	U
50-32-8	Benzo(a)pyrene	336000	U
193-39-5	Indeno(1,2,3-cd)pyrene	336000	U
53-70-3	Dibenz(a,h)anthracene	336000	U
191-24-2	Benzo(g,h,i)perylene	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D99

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744912 Lab File ID: 449-12D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2350

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	339000	U
62-53-3	Aniline	339000	U
111-44-4	Bis(2-Chloroethyl)ether	339000	U
108-95-2	Phenol	1700000	U
95-57-8	2-Chlorophenol	339000	U
541-73-1	1,3-Dichlorobenzene	339000	U
106-46-7	1,4-Dichlorobenzene	339000	U
95-50-1	1,2-Dichlorobenzene	339000	U
100-51-6	Benzyl alcohol	848000	U
108-60-1	2,2-Oxybis(1-chloropropane)	343000	U
95-48-7	2-Methylphenol (o-Cresol)	339000	U
67-72-1	Hexachloroethane	343000	U
621-64-7	N-Nitroso-di-n-propylamine	339000	U
106-44-5	4-Methylphenol	339000	U
98-95-3	Nitrobenzene	339000	U
78-59-1	Isophorone	339000	U
88-75-5	2-Nitrophenol	339000	U
105-67-9	2,4-Dimethylphenol	339000	U
65-85-0	Benzoic acid	1700000	U
111-91-1	Bis(2-Chloroethoxy)methane	339000	U
120-83-2	2,4-Dichlorophenol	339000	U
120-82-1	1,2,4-Trichlorobenzene	339000	U
91-20-3	Naphthalene	339000	U
106-47-8	4-Chloroaniline	339000	U
91-57-6	2-Methylnaphthalene	339000	U
87-68-3	Hexachlorobutadiene	339000	U
59-50-7	4-Chloro-3-methylphenol	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D99

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744912 Lab File ID: 449-12D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2350

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	339000	U
77-47-4	Hexachlorocyclopentadiene	848000	U
88-06-2	2,4,6-Trichlorophenol	339000	U
95-95-4	2,4,5-Trichlorophenol	339000	U
91-58-7	2-Chloronaphthalene	343000	U
88-74-4	2-Nitroaniline	339000	U
208-96-8	Acenaphthylene	339000	U
131-11-3	Dimethyl-phthalate	339000	U
606-20-2	2,6-Dinitrotoluene	339000	U
83-32-9	Acenaphthene	339000	U
99-09-2	3-Nitroaniline	339000	U
51-28-5	2,4-Dinitrophenol	1700000	U
132-64-9	Dibenzofuran	339000	U
121-14-2	2,4-Dinitrotoluene	339000	U
100-02-7	4-Nitrophenol	848000	U
86-73-7	Fluorene	339000	U
7005-72-3	4-Chlorophenyl-phenylether	339000	U
84-66-2	Diethylphthalate	339000	U
100-01-6	4-Nitroaniline	339000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1700000	U
86-30-6	N-Nitrosodiphenylamine	339000	U
101-55-3	4-Bromophenyl-phenylether	339000	U
118-74-1	Hexachlorobenzene	339000	U
87-86-5	Pentachlorophenol	1700000	U
85-01-8	Phenanthrene	339000	U
120-12-7	Anthracene	339000	U
84-74-2	Di-n-butylphthalate	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D99

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744912 Lab File ID: 449-12D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2350

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	339000	U
129-00-0	Pyrene	339000	U
92-87-5	Benzidine	852000	U
85-68-7	Butylbenzylphthalate	339000	U
91-94-1	3,3'-Dichlorobenzidine	339000	U
56-55-3	Benzo(a)anthracene	339000	U
218-01-9	Chrysene	339000	U
117-81-7	bis(2-ethylhexyl)phthalate	339000	U
117-84-0	Di-n-octylphthalate	339000	U
205-99-2	Benzo(b)fluoranthene	339000	U
207-08-9	Benzo(k)fluoranthene	339000	U
50-32-8	Benzo(a)pyrene	339000	U
193-39-5	Indeno(1,2,3-cd)pyrene	339000	U
53-70-3	Dibenz(a,h)anthracene	339000	U
191-24-2	Benzo(g,h,i)perylene	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D109

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744913 Lab File ID: 449-13D10.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0019

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	342000	U
62-53-3	Aniline	342000	U
111-44-4	Bis(2-Chloroethyl)ether	342000	U
108-95-2	Phenol	1710000	U
95-57-8	2-Chlorophenol	342000	U
541-73-1	1,3-Dichlorobenzene	342000	U
106-46-7	1,4-Dichlorobenzene	342000	U
95-50-1	1,2-Dichlorobenzene	342000	U
100-51-6	Benzyl alcohol	855000	U
108-60-1	2,2-Oxybis(1-chloropropane)	346000	U
95-48-7	2-Methylphenol (o-Cresol)	342000	U
67-72-1	Hexachloroethane	346000	U
621-64-7	N-Nitroso-di-n-propylamine	342000	U
106-44-5	4-Methylphenol	342000	U
98-95-3	Nitrobenzene	342000	U
78-59-1	Isophorone	342000	U
88-75-5	2-Nitrophenol	342000	U
105-67-9	2,4-Dimethylphenol	342000	U
65-85-0	Benzoic acid	1710000	U
111-91-1	Bis(2-Chloroethoxy)methane	342000	U
120-83-2	2,4-Dichlorophenol	342000	U
120-82-1	1,2,4-Trichlorobenzene	342000	U
91-20-3	Naphthalene	342000	U
106-47-8	4-Chloroaniline	342000	U
91-57-6	2-Methylnaphthalene	342000	U
87-68-3	Hexachlorobutadiene	342000	U
59-50-7	4-Chloro-3-methylphenol	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D109

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744913 Lab File ID: 449-13D10.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0019

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	342000	U
77-47-4	Hexachlorocyclopentadiene	855000	U
88-06-2	2,4,6-Trichlorophenol	342000	U
95-95-4	2,4,5-Trichlorophenol	342000	U
91-58-7	2-Chloronaphthalene	346000	U
88-74-4	2-Nitroaniline	342000	U
208-96-8	Acenaphthylene	342000	U
131-11-3	Dimethyl-phthalate	342000	U
606-20-2	2,6-Dinitrotoluene	342000	U
83-32-9	Acenaphthene	342000	U
99-09-2	3-Nitroaniline	342000	U
51-28-5	2,4-Dinitrophenol	1720000	U
132-64-9	Dibenzofuran	342000	U
121-14-2	2,4-Dinitrotoluene	342000	U
100-02-7	4-Nitrophenol	855000	U
86-73-7	Fluorene	342000	U
7005-72-3	4-Chlorophenyl-phenylether	342000	U
84-66-2	Diethylphthalate	342000	U
100-01-6	4-Nitroaniline	342000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1710000	U
86-30-6	N-Nitrosodiphenylamine	342000	U
101-55-3	4-Bromophenyl-phenylether	342000	U
118-74-1	Hexachlorobenzene	342000	U
87-86-5	Pentachlorophenol	1710000	U
85-01-8	Phenanthrene	342000	U
120-12-7	Anthracene	342000	U
84-74-2	Di-n-butylphthalate	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D109

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744913 Lab File ID: 449-13D10.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0019

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	342000	U
129-00-0	Pyrene	342000	U
92-87-5	Benzidine	859000	U
85-68-7	Butylbenzylphthalate	342000	U
91-94-1	3,3'-Dichlorobenzidine	342000	U
56-55-3	Benzo(a)anthracene	342000	U
218-01-9	Chrysene	342000	U
117-81-7	bis(2-ethylhexyl)phthalate	342000	U
117-84-0	Di-n-octylphthalate	342000	U
205-99-2	Benzo(b)fluoranthene	342000	U
207-08-9	Benzo(k)fluoranthene	342000	U
50-32-8	Benzo(a)pyrene	342000	U
193-39-5	Indeno(1,2,3-cd)pyrene	342000	U
53-70-3	Dibenz(a,h)anthracene	342000	U
191-24-2	Benzo(g,h,i)perylene	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D110

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744914 Lab File ID: 449-14D10.D

Sample wt/vol: 1.29 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0049

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	310000	U
62-53-3	Aniline	310000	U
111-44-4	Bis(2-Chloroethyl)ether	310000	U
108-95-2	Phenol	1550000	U
95-57-8	2-Chlorophenol	310000	U
541-73-1	1,3-Dichlorobenzene	310000	U
106-46-7	1,4-Dichlorobenzene	310000	U
95-50-1	1,2-Dichlorobenzene	310000	U
100-51-6	Benzyl alcohol	776000	U
108-60-1	2,2-Oxybis(1-chloropropane)	314000	U
95-48-7	2-Methylphenol (o-Cresol)	310000	U
67-72-1	Hexachloroethane	314000	U
621-64-7	N-Nitroso-di-n-propylamine	310000	U
106-44-5	4-Methylphenol	310000	U
98-95-3	Nitrobenzene	310000	U
78-59-1	Isophorone	310000	U
88-75-5	2-Nitrophenol	310000	U
105-67-9	2,4-Dimethylphenol	310000	U
65-85-0	Benzoic acid	1550000	U
111-91-1	Bis(2-Chloroethoxy)methane	310000	U
120-83-2	2,4-Dichlorophenol	310000	U
120-82-1	1,2,4-Trichlorobenzene	310000	U
91-20-3	Naphthalene	310000	U
106-47-8	4-Chloroaniline	310000	U
91-57-6	2-Methylnaphthalene	310000	U
87-68-3	Hexachlorobutadiene	310000	U
59-50-7	4-Chloro-3-methylphenol	310000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D110

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744914 Lab File ID: 449-14D10.D

Sample wt/vol: 1.29 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0049

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	310000	U
77-47-4	Hexachlorocyclopentadiene	776000	U
88-06-2	2,4,6-Trichlorophenol	310000	U
95-95-4	2,4,5-Trichlorophenol	310000	U
91-58-7	2-Chloronaphthalene	314000	U
88-74-4	2-Nitroaniline	310000	U
208-96-8	Acenaphthylene	310000	U
131-11-3	Dimethyl-phthalate	310000	U
606-20-2	2,6-Dinitrotoluene	310000	U
83-32-9	Acenaphthene	310000	U
99-09-2	3-Nitroaniline	310000	U
51-28-5	2,4-Dinitrophenol	1560000	U
132-64-9	Dibenzofuran	310000	U
121-14-2	2,4-Dinitrotoluene	310000	U
100-02-7	4-Nitrophenol	776000	U
86-73-7	Fluorene	310000	U
7005-72-3	4-Chlorophenyl-phenylether	310000	U
84-66-2	Diethylphthalate	310000	U
100-01-6	4-Nitroaniline	310000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1550000	U
86-30-6	N-Nitrosodiphenylamine	310000	U
101-55-3	4-Bromophenyl-phenylether	310000	U
118-74-1	Hexachlorobenzene	310000	U
87-86-5	Pentachlorophenol	1550000	U
85-01-8	Phenanthrene	310000	U
120-12-7	Anthracene	310000	U
84-74-2	Di-n-butylphthalate	310000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D110

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744914 Lab File ID: 449-14D10.D

Sample wt/vol: 1.29 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0049

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	310000	U
129-00-0	Pyrene	310000	U
92-87-5	Benzidine	779000	U
85-68-7	Butylbenzylphthalate	310000	U
91-94-1	3,3'-Dichlorobenzidine	310000	U
56-55-3	Benzo(a)anthracene	310000	U
218-01-9	Chrysene	310000	U
117-81-7	bis(2-ethylhexyl)phthalate	310000	U
117-84-0	Di-n-octylphthalate	310000	U
205-99-2	Benzo(b)fluoranthene	310000	U
207-08-9	Benzo(k)fluoranthene	310000	U
50-32-8	Benzo(a)pyrene	310000	U
193-39-5	Indeno(1,2,3-cd)pyrene	310000	U
53-70-3	Dibenz(a,h)anthracene	310000	U
191-24-2	Benzo(g,h,i)perylene	310000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D102

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744915 Lab File ID: 449-15D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0118

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	1790000	U
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D102

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744915 Lab File ID: 449-15D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0118

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	358000	U
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D102

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744915 Lab File ID: 449-15D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0118

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D104

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744916 Lab File ID: 449-16D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0148

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	348000	U
62-53-3	Aniline	348000	U
111-44-4	Bis(2-Chloroethyl)ether	348000	U
108-95-2	Phenol	1740000	U
95-57-8	2-Chlorophenol	348000	U
541-73-1	1,3-Dichlorobenzene	348000	U
106-46-7	1,4-Dichlorobenzene	348000	U
95-50-1	1,2-Dichlorobenzene	348000	U
100-51-6	Benzyl alcohol	870000	U
108-60-1	2,2-Oxybis(1-chloropropane)	352000	U
95-48-7	2-Methylphenol (o-Cresol)	348000	U
67-72-1	Hexachloroethane	352000	U
621-64-7	N-Nitroso-di-n-propylamine	348000	U
106-44-5	4-Methylphenol	348000	U
98-95-3	Nitrobenzene	348000	U
78-59-1	Isophorone	348000	U
88-75-5	2-Nitrophenol	348000	U
105-67-9	2,4-Dimethylphenol	348000	U
65-85-0	Benzoic acid	1740000	U
111-91-1	Bis(2-Chloroethoxy)methane	348000	U
120-83-2	2,4-Dichlorophenol	348000	U
120-82-1	1,2,4-Trichlorobenzene	348000	U
91-20-3	Naphthalene	348000	U
106-47-8	4-Chloroaniline	348000	U
91-57-6	2-Methylnaphthalene	348000	U
87-68-3	Hexachlorobutadiene	348000	U
59-50-7	4-Chloro-3-methylphenol	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D104

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744916 Lab File ID: 449-16D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0148

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	348000	U
77-47-4	Hexachlorocyclopentadiene	870000	U
88-06-2	2,4,6-Trichlorophenol	348000	U
95-95-4	2,4,5-Trichlorophenol	348000	U
91-58-7	2-Chloronaphthalene	352000	U
88-74-4	2-Nitroaniline	348000	U
208-96-8	Acenaphthylene	348000	U
131-11-3	Dimethyl-phthalate	348000	U
606-20-2	2,6-Dinitrotoluene	348000	U
83-32-9	Acenaphthene	348000	U
99-09-2	3-Nitroaniline	348000	U
51-28-5	2,4-Dinitrophenol	1750000	U
132-64-9	Dibenzofuran	348000	U
121-14-2	2,4-Dinitrotoluene	348000	U
100-02-7	4-Nitrophenol	870000	U
86-73-7	Fluorene	348000	U
7005-72-3	4-Chlorophenyl-phenylether	348000	U
84-66-2	Diethylphthalate	348000	U
100-01-6	4-Nitroaniline	348000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1740000	U
86-30-6	N-Nitrosodiphenylamine	348000	U
101-55-3	4-Bromophenyl-phenylether	348000	U
118-74-1	Hexachlorobenzene	348000	U
87-86-5	Pentachlorophenol	1740000	U
85-01-8	Phenanthrene	348000	U
120-12-7	Anthracene	348000	U
84-74-2	Di-n-butylphthalate	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D104

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744916 Lab File ID: 449-16D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0148

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	348000	U
129-00-0	Pyrene	348000	U
92-87-5	Benzidine	874000	U
85-68-7	Butylbenzylphthalate	348000	U
91-94-1	3,3'-Dichlorobenzidine	348000	U
56-55-3	Benzo(a)anthracene	348000	U
218-01-9	Chrysene	348000	U
117-81-7	bis(2-ethylhexyl)phthalate	348000	U
117-84-0	Di-n-octylphthalate	348000	U
205-99-2	Benzo(b)fluoranthene	348000	U
207-08-9	Benzo(k)fluoranthene	348000	U
50-32-8	Benzo(a)pyrene	348000	U
193-39-5	Indeno(1,2,3-cd)pyrene	348000	U
53-70-3	Dibenz(a,h)anthracene	348000	U
191-24-2	Benzo(g,h,i)perylene	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D111

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744917 Lab File ID: 449-17D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0217

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	336000	U
62-53-3	Aniline	336000	U
111-44-4	Bis(2-Chloroethyl)ether	336000	U
108-95-2	Phenol	1680000	U
95-57-8	2-Chlorophenol	336000	U
541-73-1	1,3-Dichlorobenzene	336000	U
106-46-7	1,4-Dichlorobenzene	336000	U
95-50-1	1,2-Dichlorobenzene	336000	U
100-51-6	Benzyl alcohol	841000	U
108-60-1	2,2-Oxybis(1-chloropropane)	340000	U
95-48-7	2-Methylphenol (o-Cresol)	336000	U
67-72-1	Hexachloroethane	340000	U
621-64-7	N-Nitroso-di-n-propylamine	336000	U
106-44-5	4-Methylphenol	336000	U
98-95-3	Nitrobenzene	336000	U
78-59-1	Isophorone	336000	U
88-75-5	2-Nitrophenol	336000	U
105-67-9	2,4-Dimethylphenol	336000	U
65-85-0	Benzoic acid	1680000	U
111-91-1	Bis(2-Chloroethoxy)methane	336000	U
120-83-2	2,4-Dichlorophenol	336000	U
120-82-1	1,2,4-Trichlorobenzene	336000	U
91-20-3	Naphthalene	336000	U
106-47-8	4-Chloroaniline	336000	U
91-57-6	2-Methylnaphthalene	336000	U
87-68-3	Hexachlorobutadiene	336000	U
59-50-7	4-Chloro-3-methylphenol	336000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D111

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744917 Lab File ID: 449-17D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0217

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	336000	U
77-47-4	Hexachlorocyclopentadiene	841000	U
88-06-2	2,4,6-Trichlorophenol	336000	U
95-95-4	2,4,5-Trichlorophenol	336000	U
91-58-7	2-Chloronaphthalene	340000	U
88-74-4	2-Nitroaniline	336000	U
208-96-8	Acenaphthylene	336000	U
131-11-3	Dimethyl-phthalate	336000	U
606-20-2	2,6-Dinitrotoluene	336000	U
83-32-9	Acenaphthene	336000	U
99-09-2	3-Nitroaniline	336000	U
51-28-5	2,4-Dinitrophenol	1690000	U
132-64-9	Dibenzofuran	336000	U
121-14-2	2,4-Dinitrotoluene	336000	U
100-02-7	4-Nitrophenol	841000	U
86-73-7	Fluorene	336000	U
7005-72-3	4-Chlorophenyl-phenylether	336000	U
84-66-2	Diethylphthalate	336000	U
100-01-6	4-Nitroaniline	336000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1680000	U
86-30-6	N-Nitrosodiphenylamine	336000	U
101-55-3	4-Bromophenyl-phenylether	336000	U
118-74-1	Hexachlorobenzene	336000	U
87-86-5	Pentachlorophenol	1680000	U
85-01-8	Phenanthrene	336000	U
120-12-7	Anthracene	336000	U
84-74-2	Di-n-butylphthalate	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D111

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744917 Lab File ID: 449-17D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0217

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	336000	U
129-00-0	Pyrene	336000	U
92-87-5	Benzidine	844000	U
85-68-7	Butylbenzylphthalate	336000	U
91-94-1	3,3'-Dichlorobenzidine	336000	U
56-55-3	Benzo(a)anthracene	336000	U
218-01-9	Chrysene	336000	U
117-81-7	bis(2-ethylhexyl)phthalate	336000	U
117-84-0	Di-n-octylphthalate	336000	U
205-99-2	Benzo(b)fluoranthene	336000	U
207-08-9	Benzo(k)fluoranthene	336000	U
50-32-8	Benzo(a)pyrene	336000	U
193-39-5	Indeno(1,2,3-cd)pyrene	336000	U
53-70-3	Dibenz(a,h)anthracene	336000	U
191-24-2	Benzo(g,h,i)perylene	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D112

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744918 Lab File ID: 449-18D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0247

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	345000	U
62-53-3	Aniline	345000	U
111-44-4	Bis(2-Chloroethyl)ether	345000	U
108-95-2	Phenol	1720000	U
95-57-8	2-Chlorophenol	345000	U
541-73-1	1,3-Dichlorobenzene	345000	U
106-46-7	1,4-Dichlorobenzene	345000	U
95-50-1	1,2-Dichlorobenzene	345000	U
100-51-6	Benzyl alcohol	862000	U
108-60-1	2,2-Oxybis(1-chloropropane)	349000	U
95-48-7	2-Methylphenol (o-Cresol)	345000	U
67-72-1	Hexachloroethane	349000	U
621-64-7	N-Nitroso-di-n-propylamine	345000	U
106-44-5	4-Methylphenol	345000	U
98-95-3	Nitrobenzene	345000	U
78-59-1	Isophorone	345000	U
88-75-5	2-Nitrophenol	345000	U
105-67-9	2,4-Dimethylphenol	345000	U
65-85-0	Benzoic acid	1720000	U
111-91-1	Bis(2-Chloroethoxy)methane	345000	U
120-83-2	2,4-Dichlorophenol	345000	U
120-82-1	1,2,4-Trichlorobenzene	345000	U
91-20-3	Naphthalene	345000	U
106-47-8	4-Chloroaniline	345000	U
91-57-6	2-Methylnaphthalene	345000	U
87-68-3	Hexachlorobutadiene	345000	U
59-50-7	4-Chloro-3-methylphenol	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D112

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744918 Lab File ID: 449-18D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0247

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	345000	U
77-47-4	Hexachlorocyclopentadiene	862000	U
88-06-2	2,4,6-Trichlorophenol	345000	U
95-95-4	2,4,5-Trichlorophenol	345000	U
91-58-7	2-Chloronaphthalene	349000	U
88-74-4	2-Nitroaniline	345000	U
208-96-8	Acenaphthylene	345000	U
131-11-3	Dimethyl-phthalate	345000	U
606-20-2	2,6-Dinitrotoluene	345000	U
83-32-9	Acenaphthene	345000	U
99-09-2	3-Nitroaniline	345000	U
51-28-5	2,4-Dinitrophenol	1730000	U
132-64-9	Dibenzofuran	345000	U
121-14-2	2,4-Dinitrotoluene	345000	U
100-02-7	4-Nitrophenol	862000	U
86-73-7	Fluorene	345000	U
7005-72-3	4-Chlorophenyl-phenylether	345000	U
84-66-2	Diethylphthalate	345000	U
100-01-6	4-Nitroaniline	345000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1720000	U
86-30-6	N-Nitrosodiphenylamine	345000	U
101-55-3	4-Bromophenyl-phenylether	345000	U
118-74-1	Hexachlorobenzene	345000	U
87-86-5	Pentachlorophenol	1720000	U
85-01-8	Phenanthrene	345000	U
120-12-7	Anthracene	345000	U
84-74-2	Di-n-butylphthalate	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D112

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744918 Lab File ID: 449-18D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0247

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	345000	U
129-00-0	Pyrene	345000	U
92-87-5	Benzidine	866000	U
85-68-7	Butylbenzylphthalate	345000	U
91-94-1	3,3'-Dichlorobenzidine	345000	U
56-55-3	Benzo(a)anthracene	345000	U
218-01-9	Chrysene	345000	U
117-81-7	bis(2-ethylhexyl)phthalate	345000	U
117-84-0	Di-n-octylphthalate	345000	U
205-99-2	Benzo(b)fluoranthene	345000	U
207-08-9	Benzo(k)fluoranthene	345000	U
50-32-8	Benzo(a)pyrene	345000	U
193-39-5	Indeno(1,2,3-cd)pyrene	345000	U
53-70-3	Dibenz(a,h)anthracene	345000	U
191-24-2	Benzo(g,h,i)perylene	345000	U

QC Summary

100907 1459

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3352BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 247691 Lab File ID: 3352BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1723

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3352BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 247691 Lab File ID: 3352BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1723

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3352BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 247691 Lab File ID: 3352BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1723

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3352LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	40000	37000	92.5		30.0	48 - 115
Aniline	40000	38800	97.0		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	42800	107.0 *		30.0	61 - 105
Phenol	40000	39000	97.5		23.0	46 - 100
2-Chlorophenol	40000	37000	92.5		24.0	54 - 105
1,3-Dichlorobenzene	40000	43800	110.0 *		26.0	67 - 100
1,4-Dichlorobenzene	40000	42900	107.0 *		27.0	62 - 105
1,2-Dichlorobenzene	40000	41100	103.0 *		30.0	65 - 95
Benzyl alcohol	40000	15500	38.8 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	42000	105.0		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	37900	94.8		30.0	58 - 105
Hexachloroethane	40000	43000	108.0		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	37100	92.8		28.0	59 - 115
4-Methylphenol	40000	36600	91.5		26.0	57 - 105
Nitrobenzene	40000	41600	104.0		27.0	71 - 115
Isophorone	40000	38600	96.5		30.0	69 - 110
2-Nitrophenol	40000	29100	72.8		20.0	61 - 110
2,4-Dimethylphenol	40000	41200	103.0		30.0	65 - 105
Benzoic acid	80000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	32500	81.2		30.0	70 - 110
2,4-Dichlorophenol	40000	29300	73.2		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	42700	107.0		29.0	71 - 110
Naphthalene	40000	44100	110.0 *		23.0	67 - 105
4-Chloroaniline	40000	32500	81.2		30.0	57 - 95
2-Methylnaphthalene	40000	44800	112.0 *		22.0	72 - 105
Hexachlorobutadiene	40000	40400	101.0		27.0	79 - 115
4-Chloro-3-methylphenol	40000	31900	79.8		30.0	62 - 115
1-Methylnaphthalene	40000	45200	113.0		25.0	67 - 145
Hexachlorocyclopentadiene	40000	25300	63.2		44.0	34 - 139
2,4,6-Trichlorophenol	40000	29700	74.2		30.0	62 - 110
2,4,5-Trichlorophenol	40000	31900	79.8		29.0	61 - 110
2-Chloronaphthalene	40000	41400	104.0		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1459

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3352LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	32100	80.2		23.0	71 - 120
Acenaphthylene	40000	39100	97.8		21.0	66 - 105
Dimethyl-phthalate	40000	40700	102.0		30.0	69 - 110
2,6-Dinitrotoluene	40000	31400	78.5		30.0	73 - 110
Acenaphthene	40000	41200	103.0		28.0	65 - 110
3-Nitroaniline	40000	28600	71.5 *		30.0	76 - 110
2,4-Dinitrophenol	80000	0	0.0 *		30.0	29 - 130
Dibenzofuran	40000	42700	107.0 *		28.0	75 - 105
2,4-Dinitrotoluene	40000	30900	77.2		29.0	77 - 115
4-Nitrophenol	40000	12400	31.0 *		30.0	52 - 140
Fluorene	40000	43500	109.0		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	45200	113.0 *		30.0	65 - 110
Diethylphthalate	40000	41900	105.0		28.0	68 - 115
4-Nitroaniline	40000	29700	74.2		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	9680	24.2 *		28.0	34 - 135
N-Nitrosodiphenylamine	40000	40800	102.0		23.0	77 - 115
4-Bromophenyl-phenylether	40000	36400	91.0		30.0	59 - 115
Hexachlorobenzene	40000	38800	97.0		28.0	77 - 120
Pentachlorophenol	40000	5280	13.2 *		30.0	36 - 120
Phenanthrene	40000	42800	107.0		25.0	67 - 110
Anthracene	40000	39000	97.5		19.0	67 - 105
Di-n-butylphthalate	40000	31300	78.2		29.0	67 - 110
Fluoranthene	40000	40200	100.0		21.0	74 - 115
Pyrene	40000	37600	94.0		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	30300	75.8		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	25900	64.8		30.0	41 - 130
Benzo(a)anthracene	40000	37800	94.5		29.0	67 - 110
Chrysene	40000	43100	108.0		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	26500	66.2		30.0	65 - 125
Di-n-octylphthalate	40000	20600	51.5 *		30.0	64 - 130
Benzo(b)fluoranthene	40000	38700	96.8		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

100907 1459

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3352LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	41200	103.0		28.0	53 - 125
Benzo(a)pyrene	40000	35000	87.5		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	35700	89.2		30.0	40 - 120
Dibenz(a,h)anthracene	40000	34900	87.2		30.0	40 - 125
Benzo(g,h,i)perylene	40000	43100	108.0		23.0	41 - 125

Spike Recovery: 17 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1459

Form III

GC/ECD PCB ORGANICS

METHOD 8082

100907 1459

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. Please note that CCV539310 (ACCV3.D) on column STX-CLP1 bid not meet criteria with an average of 17.6 %D. Since this CCV was recovered high it can be assured that were any target analytes present the samples they would have been successfully detected. No further action was taken for this variance.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPP D31P1 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 170 % with criteria of (33-140).

Sample NPP D31P2 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 161 % with criteria of (33-140).

Sample NPP D32 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 153 % with criteria of (33-140).

Sample NPP D4 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 191 % with criteria of (33-140).

Since these surrogates were recovered above criteria it can be assured that were any target analytes present in the samples they would have been successfully detected. No further action was taken for these variances.

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

Samples coded accordingly.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 372LCS was analyzed with the soil samples extracted on 08/29/07. The following analyte(s) were recovered above criteria: Aroclor-1260 at 148 % with criteria of (60-125). The following analyte(s) had marginal exceedance limit failures: Aroclor-1260 at 148 % with criteria of (49.2-135.8).

Since this LCS exhibited high recovery, it can be assured that were any target analytes present in the samples they would have been successfully detected. No further action was taken for this variance.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

Please note that sample NPP D31 exhibited two distinct phases. These two phases were prepared and analyzed separately. The designation *P1* signifies the upper of the two layers. *P2* indicates the lower layer.

Sample NPP D31P1, NPP D32, NPP D33, and NPP D34 required 1:10 dilutions due to matrix interference. Only the diluted run is reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

SIGNED: **DATE:** **09/10/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Method: 8082

EPA Sample No	Lab Sample ID
NPP D33	250744901
NPP D34	250744902
NPP D90	250744903
NPP D4	250744904
NPP D32	250744905
NPP D31P1	250744906P1
NPP D31P2	250744906P2
NPP D97	250744907
NPP D100	250744908
NPP D105	250744909
NPP D107	250744910
NPP D106	250744911
NPP D99	250744912
NPP D109	250744913
NPP D110	250744914
NPP D102	250744915
NPP D104	250744916
NPP D111	250744917
NPP D112	250744918

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Sample Data

100907 1459

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D33

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744901 Lab File ID: 449-1D10.D

Sample wt/vol: 1.05 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/01/07 Time: 0352

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4300	U
11096-82-5	Aroclor-1260	4300	U
11104-28-2	Aroclor-1221	4300	U
11141-16-5	Aroclor-1232	4300	U
53469-21-9	Aroclor-1242	4300	U
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	4300	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744902 Lab File ID: 449-2D10.D

Sample wt/vol: 1.06 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/01/07 Time: 0423

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4200	U
11096-82-5	Aroclor-1260	4200	U
11104-28-2	Aroclor-1221	4200	U
11141-16-5	Aroclor-1232	4200	U
53469-21-9	Aroclor-1242	4200	U
12672-29-6	Aroclor-1248	4200	U
11097-69-1	Aroclor-1254	4200	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D90

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744903 Lab File ID: 449-3.D

Sample wt/vol: 1.04 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/01/07 Time: 0455

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744904 Lab File ID: 449-04.D

Sample wt/vol: 1.04 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2249

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744905 Lab File ID: 449-05D10.D

Sample wt/vol: 1.02 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2320

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4400	U
11096-82-5	Aroclor-1260	4400	U
11104-28-2	Aroclor-1221	4400	U
11141-16-5	Aroclor-1232	4400	U
53469-21-9	Aroclor-1242	4400	U
12672-29-6	Aroclor-1248	4400	U
11097-69-1	Aroclor-1254	4400	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D31P1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744906P1 Lab File ID: 449-06TD10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2352

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4000	U
11096-82-5	Aroclor-1260	4000	U
11104-28-2	Aroclor-1221	4000	U
11141-16-5	Aroclor-1232	4000	U
53469-21-9	Aroclor-1242	4000	U
12672-29-6	Aroclor-1248	4000	U
11097-69-1	Aroclor-1254	4000	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D31P2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744906P2 Lab File ID: 449-06B.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0024

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D97

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744907 Lab File ID: 449-07.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0055

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D100

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744908 Lab File ID: 449-08.D

Sample wt/vol: 1.01 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0127

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D105

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744909 Lab File ID: 449-09.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0159

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	380	U
11096-82-5	Aroclor-1260	380	U
11104-28-2	Aroclor-1221	380	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D107

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744910 Lab File ID: 449-10.D

Sample wt/vol: 1.07 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0231

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D106

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744911 Lab File ID: 449-11.D

Sample wt/vol: 1.02 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0302

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D99

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744912 Lab File ID: 449-12.D

Sample wt/vol: 1.14 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0334

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	390	U
11096-82-5	Aroclor-1260	390	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D109

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744913 Lab File ID: 449-13.D

Sample wt/vol: 1.15 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0500

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	390	U
11096-82-5	Aroclor-1260	390	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D110

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744914 Lab File ID: 449-14.D

Sample wt/vol: 1.11 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0532

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	400	U
11096-82-5	Aroclor-1260	400	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D102

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744915 Lab File ID: 449-15.D

Sample wt/vol: 1.14 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0604

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	390	U
11096-82-5	Aroclor-1260	390	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D104

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744916 Lab File ID: 449-16.D

Sample wt/vol: 1.15 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0636

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	390	U
11096-82-5	Aroclor-1260	390	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D111

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744917 Lab File ID: 449-17.D

Sample wt/vol: 1.03 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0707

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D112

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744918 Lab File ID: 449-18.D

Sample wt/vol: 1.13 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0739

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	400	U
11096-82-5	Aroclor-1260	400	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 372BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 247905 Lab File ID: 372BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 09/01/07 Time: 0249

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

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PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

372LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	13000	130.0		21.0	40 - 140
Aroclor-1260	10000	14800	148.0 *		32.0	60 - 125

Spike Recovery: 1 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

100907 1459

Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 247735BLK was analyzed with the soil samples on 09/05/07. The following analyte(s) were detected below RL: Calcium at 3.45 MG/KG, Iron at 2.13 MG/KG.
Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

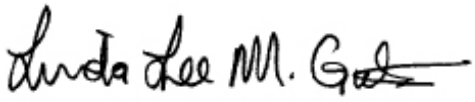
Sample analysis proceeded normally.

Sample NPP D111 required a 1:5 dilution due to matrix interference with the following analyte(s): Thallium.

Sample NPP D4 required a 1:5 dilution due to high concentration of the following analyte(s): Sodium.

Sample NPP D97 required a 1:5 dilution due to matrix interference with the following analyte(s): Lead.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **09/05/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met. No action required. The following ICB/CCB(s) had element concentrations below the RL:

CCB247973 was analyzed on 08/29/07 16:24. The following analyte(s) were detected below RL: Mercury at 0.026 ug/L.
CCB247977 was analyzed on 08/29/07 16:46. The following analyte(s) were detected below RL: Mercury at 0.0246 ug/L.
CCB247979 was analyzed on 08/29/07 17:08. The following analyte(s) were detected below RL: Mercury at 0.0328 ug/L.
CCB247981 was analyzed on 08/29/07 17:21. The following analyte(s) were detected below RL: Mercury at 0.034 ug/L.

2. Method Blanks:

All acceptance criteria were met.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507449

Client: T N & Associates, Inc.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

3. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

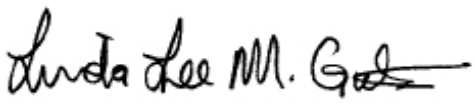
E. Serial Dilution:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 08/30/2007**

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507449

SOW No.:

EPA Sample No	Lab Sample ID
NPP D33	250744901
NPP D34	250744902
NPP D90	250744903
NPP D4	250744904
NPP D4DL1	250744904DL1
NPP D32	250744905
NPP D31	250744906
NPP D97	250744907
NPP D97DL1	250744907DL1
NPP D100	250744908
NPP D105	250744909
NPP D107	250744910
NPP D106	250744911
NPP D99	250744912
NPP D109	250744913
NPP D110	250744914
NPP D102	250744915
NPP D104	250744916
NPP D111	250744917
NPP D111DL1	250744917DL1
NPP D112	250744918

Were ICP interelement corrections applied? Yes/No Yes

Were ICP background corrections applied? Yes/No Yes

If yes - were raw data generated before application of background corrections? Yes/No No

Comments:

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Sample Data

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U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D33

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744901

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.09	U		P
7440-36-0	Antimony	0.229	U		P
7440-38-2	Arsenic	0.498	U		P
7440-39-3	Barium	0.159	U		P
7440-41-7	Beryllium	0.159	U		P
7440-43-9	Cadmium	0.0498	U		P
7440-70-2	Calcium	47.3			P
7440-47-3	Chromium	0.159	U		P
7440-48-4	Cobalt	0.0498	U		P
7440-50-8	Copper	0.269	B		P
7439-89-6	Iron	10.9			P
7439-92-1	Lead	0.339	U		P
7439-95-4	Magnesium	2.99	U		P
7439-96-5	Manganese	0.159	U		P
7439-97-6	Mercury	0.00207	U		CV
7440-02-0	Nickel	0.159	U		P
7440-09-7	Potassium	16	B		P
7782-49-2	Selenium	0.498	U		P
7440-22-4	Silver	0.159	U		P
7440-23-5	Sodium	21.1	B		P
7440-28-0	Thallium	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D33

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744901

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.159	U		P
7440-66-6	Zinc	58			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744902

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	0.225	U		P
7440-38-2	Arsenic	0.488	U		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0488	U		P
7440-70-2	Calcium	80.9			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0488	U		P
7440-50-8	Copper	0.329	B		P
7439-89-6	Iron	16.1			P
7439-92-1	Lead	0.332	U		P
7439-95-4	Magnesium	2.93	U		P
7439-96-5	Manganese	0.156	U		P
7439-97-6	Mercury	0.00199	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	15.2	B		P
7782-49-2	Selenium	0.738	B		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	14.1	B		P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744902

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	70.7			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D90

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744903

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3.12	B		P
7440-36-0	Antimony	29.5			P
7440-38-2	Arsenic	2.04			P
7440-39-3	Barium	0.402	B		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.052	B		P
7440-70-2	Calcium	36.9			P
7440-47-3	Chromium	0.276	B		P
7440-48-4	Cobalt	0.0488	U		P
7440-50-8	Copper	0.209	B		P
7439-89-6	Iron	125			P
7439-92-1	Lead	0.696			P
7439-95-4	Magnesium	22.2			P
7439-96-5	Manganese	2.52			P
7439-97-6	Mercury	0.00197	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	2300			P
7782-49-2	Selenium	0.845	B		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	22700			P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D90

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744903

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	1.66			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744904

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	32.3			P
7440-38-2	Arsenic	3.89			P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0487	U		P
7440-70-2	Calcium	32.7			P
7440-47-3	Chromium	0.189	B		P
7440-48-4	Cobalt	0.0487	U		P
7440-50-8	Copper	0.156	U		P
7439-89-6	Iron	24.3			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	13.1			P
7439-96-5	Manganese	1.76			P
7439-97-6	Mercury	0.00412	B		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	2000			P
7782-49-2	Selenium	0.836	B		P
7440-22-4	Silver	0.156	U		P
7440-28-0	Thallium	0.322	U		P
7440-62-2	Vanadium	0.156	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744904

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.984			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D4DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744904DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	38000			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744905

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	4.36	B		P
7440-36-0	Antimony	3.32			P
7440-38-2	Arsenic	0.498	U		P
7440-39-3	Barium	1.59			P
7440-41-7	Beryllium	0.159	U		P
7440-43-9	Cadmium	0.0498	U		P
7440-70-2	Calcium	526			P
7440-47-3	Chromium	0.159	U		P
7440-48-4	Cobalt	0.0498	U		P
7440-50-8	Copper	0.655			P
7439-89-6	Iron	61.4			P
7439-92-1	Lead	0.339	U		P
7439-95-4	Magnesium	50.8			P
7439-96-5	Manganese	0.898			P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.159	U		P
7440-09-7	Potassium	76.3			P
7782-49-2	Selenium	0.498	U		P
7440-22-4	Silver	0.159	U		P
7440-23-5	Sodium	66.4			P
7440-28-0	Thallium	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744905

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.159	U		P
7440-66-6	Zinc	173			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D31

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744906

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	1.03			P
7440-38-2	Arsenic	0.488	U		P
7440-39-3	Barium	0.42	B		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0488	U		P
7440-70-2	Calcium	154			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0488	U		P
7440-50-8	Copper	0.39	B		P
7439-89-6	Iron	28.2			P
7439-92-1	Lead	0.332	U		P
7439-95-4	Magnesium	9.43	B		P
7439-96-5	Manganese	0.224	B		P
7439-97-6	Mercury	0.00197	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	23.3	B		P
7782-49-2	Selenium	0.488	U		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	23.8	B		P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D31

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744906

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	95.8			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D97

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744907

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.57	B		P
7440-36-0	Antimony	26.8			P
7440-38-2	Arsenic	1.03			P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0492	U		P
7440-70-2	Calcium	19.6			P
7440-47-3	Chromium	6.17			P
7440-48-4	Cobalt	0.0492	U		P
7440-50-8	Copper	0.157	U		P
7439-89-6	Iron	7030			P
7439-95-4	Magnesium	4.07	B		P
7439-96-5	Manganese	23.6			P
7439-97-6	Mercury	0.00201	U		CV
7440-02-0	Nickel	0.188	B		P
7440-09-7	Potassium	50.5			P
7782-49-2	Selenium	2.07			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	411			P
7440-28-0	Thallium	0.325	U		P
7440-62-2	Vanadium	0.157	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D97

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744907

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	3.04			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D97DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744907DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-92-1	Lead	1.67	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D100

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744908

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	10.8			P
7440-38-2	Arsenic	0.677	B		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0481	U		P
7440-70-2	Calcium	21.9			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0481	U		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	592			P
7439-92-1	Lead	0.327	U		P
7439-95-4	Magnesium	6.21	B		P
7439-96-5	Manganese	2.48			P
7439-97-6	Mercury	0.002	U		CV
7440-02-0	Nickel	0.433	B		P
7440-09-7	Potassium	53.4			P
7782-49-2	Selenium	1.94			P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	400			P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D100

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744908

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	3.78			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D105

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744909

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.1	U		P
7440-36-0	Antimony	15.5			P
7440-38-2	Arsenic	0.584	B		P
7440-39-3	Barium	0.16	U		P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.0723	B		P
7440-70-2	Calcium	20.5			P
7440-47-3	Chromium	0.177	B		P
7440-48-4	Cobalt	0.05	U		P
7440-50-8	Copper	0.16	U		P
7439-89-6	Iron	605			P
7439-92-1	Lead	0.34	U		P
7439-95-4	Magnesium	6.13	B		P
7439-96-5	Manganese	3.12			P
7439-97-6	Mercury	0.00202	U		CV
7440-02-0	Nickel	0.484	B		P
7440-09-7	Potassium	62.1			P
7782-49-2	Selenium	1.22			P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	396			P
7440-28-0	Thallium	0.33	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D105

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744909

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.16	U		P
7440-66-6	Zinc	3.41			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D107

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744910

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	40.1			P
7440-38-2	Arsenic	0.814	B		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0483	U		P
7440-70-2	Calcium	22.3			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0483	U		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	197			P
7439-92-1	Lead	0.328	U		P
7439-95-4	Magnesium	6.26	B		P
7439-96-5	Manganese	1.59			P
7439-97-6	Mercury	0.00207	U		CV
7440-02-0	Nickel	0.615			P
7440-09-7	Potassium	62.6			P
7782-49-2	Selenium	1.53			P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	386			P
7440-28-0	Thallium	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D107

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744910

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	3.22			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D106

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744911

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	12.9			P
7440-38-2	Arsenic	0.732	B		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0485	U		P
7440-70-2	Calcium	20			P
7440-47-3	Chromium	1.21			P
7440-48-4	Cobalt	0.0485	U		P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	3510			P
7439-92-1	Lead	0.33	U		P
7439-95-4	Magnesium	5.34	B		P
7439-96-5	Manganese	11			P
7439-97-6	Mercury	0.00207	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	51.4			P
7782-49-2	Selenium	1.72			P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	394			P
7440-28-0	Thallium	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D106

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744911

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	2.86			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D99

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744912

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	9.15			P
7440-38-2	Arsenic	0.913	B		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0487	U		P
7440-70-2	Calcium	22.3			P
7440-47-3	Chromium	0.225	B		P
7440-48-4	Cobalt	0.0487	U		P
7440-50-8	Copper	0.156	U		P
7439-89-6	Iron	628			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	6.65	B		P
7439-96-5	Manganese	3.89			P
7439-97-6	Mercury	0.0125	B		CV
7440-02-0	Nickel	0.501			P
7440-09-7	Potassium	55.2			P
7782-49-2	Selenium	1.41			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	406			P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D99

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744912

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	3.19			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D109

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744913

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	15.9			P
7440-38-2	Arsenic	0.771	B		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0604	B		P
7440-70-2	Calcium	19.6			P
7440-47-3	Chromium	0.726			P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	2400			P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	5.7	B		P
7439-96-5	Manganese	5.44			P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.5			P
7440-09-7	Potassium	50.7			P
7782-49-2	Selenium	1.44			P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	388			P
7440-28-0	Thallium	0.319	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D109

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744913

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	2.93			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D110

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744914

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	41.3			P
7440-38-2	Arsenic	1.12			P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	20			P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	146			P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	6.34	B		P
7439-96-5	Manganese	1.52			P
7439-97-6	Mercury	0.00207	U		CV
7440-02-0	Nickel	0.597			P
7440-09-7	Potassium	54.9			P
7782-49-2	Selenium	0.936	B		P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	393			P
7440-28-0	Thallium	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D110

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744914

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	4.81			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D102

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744915

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	17.4			P
7440-38-2	Arsenic	0.826	B		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0482	U		P
7440-70-2	Calcium	20			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0482	U		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	410			P
7439-92-1	Lead	0.328	U		P
7439-95-4	Magnesium	6.72	B		P
7439-96-5	Manganese	2.12			P
7439-97-6	Mercury	0.00202	U		CV
7440-02-0	Nickel	0.578			P
7440-09-7	Potassium	68.3			P
7782-49-2	Selenium	1.54			P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	457			P
7440-28-0	Thallium	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D102

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744915

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	4.73			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D104

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744916

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	22.1			P
7440-38-2	Arsenic	0.487	U		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0487	U		P
7440-70-2	Calcium	22.6			P
7440-47-3	Chromium	0.232	B		P
7440-48-4	Cobalt	0.0487	U		P
7440-50-8	Copper	0.156	U		P
7439-89-6	Iron	915			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	6.39	B		P
7439-96-5	Manganese	2.93			P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.513			P
7440-09-7	Potassium	53.2			P
7782-49-2	Selenium	1.51			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	407			P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D104

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744916

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	3.54			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D111

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744917

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.26	B		P
7440-36-0	Antimony	26.6			P
7440-38-2	Arsenic	1.02			P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0493	U		P
7440-70-2	Calcium	15.1			P
7440-47-3	Chromium	1.36			P
7440-48-4	Cobalt	0.0493	U		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	1020			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.96	U		P
7439-96-5	Manganese	3.35			P
7439-97-6	Mercury	0.00742	B		CV
7440-02-0	Nickel	0.513			P
7440-09-7	Potassium	2120			P
7782-49-2	Selenium	1.33			P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	3560			P
7440-62-2	Vanadium	0.247	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D111

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744917

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	1.91			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D111DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744917DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.63	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D112

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744918

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	15.8			P
7440-38-2	Arsenic	1.07			P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0486	U		P
7440-70-2	Calcium	17.8			P
7440-47-3	Chromium	0.965			P
7440-48-4	Cobalt	0.0486	U		P
7440-50-8	Copper	0.156	U		P
7439-89-6	Iron	3440			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	4.67	B		P
7439-96-5	Manganese	12.5			P
7439-97-6	Mercury	0.0049	B		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	136			P
7782-49-2	Selenium	1.67			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	423			P
7440-28-0	Thallium	0.321	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D112

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Lab Sample ID: 250744918

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	2.66			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1459

QC Summary

100907 1459

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5B

POST DIGEST SPIKE SAMPLE RECOVERY

EPA Sample No.

NPP D33A

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: Soil Level:(low/med) LOW

Concentration Units (ug/L or mg/kg): ug/L

Analyte	Control Limit %R	Spiked Sample	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	80 - 120	45900.00			U	50000	91.9		P
Antimony	80 - 120	474.00			U	500	94.8		P
Arsenic	80 - 120	465.00			U	500	92.9		P
Barium	80 - 120	474.00			U	1500	31.6		P
Beryllium	80 - 120	462.00			U	500	92.3		P
Cadmium	80 - 120	451.00			U	500	90.2		P
Calcium	80 - 120	45500.00		474.95		50000	90.1		P
Chromium	80 - 120	473.00			U	500	94.6		P
Cobalt	80 - 120	462.00			U	500	92.3		P
Copper	80 - 120	484.00		2.70	B	500	96.3		P
Iron	80 - 120	47600.00		109.41		50000	95.0		P
Lead	80 - 120	479.00			U	500	95.7		P
Magnesium	80 - 120	44800.00			U	50000	89.6		P
Manganese	80 - 120	475.00			U	500	95.1		P
Nickel	80 - 120	474.00			U	500	94.8		P
Potassium	80 - 120	44400.00		160.56	B	50000	88.4		P
Selenium	80 - 120	471.00			U	500	94.3		P
Silver	80 - 120	464.00			U	200	231.8		P
Sodium	80 - 120	46900.00		212.28	B	50000	93.4		P
Thallium	80 - 120	475.00			U	500	95.0		P
Vanadium	80 - 120	497.00			U	500	99.3		P
Zinc	80 - 120	993.00		582.21		500	82.1		P

Comments:

100907 1459

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DUPLICATES

EPA Sample No.

247737LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4980		4730		5.1		P
Antimony	20	49.4		48.4		2.0		P
Arsenic	20	47.9		46.8		2.3		P
Barium	20	143		140		2.1		P
Beryllium	20	49.8		48.7		2.2		P
Cadmium	20	46.9		46		1.9		P
Calcium	20	4920		4690		4.8		P
Chromium	20	49.4		48.6		1.6		P
Cobalt	20	47.9		46.8		2.3		P
Copper	20	49.2		48.2		2.1		P
Iron	20	5100		4870		4.6		P
Lead	20	49.2		47.7		3.1		P
Magnesium	20	4740		4530		4.5		P
Manganese	20	50.2		49.2		2.0		P
Nickel	20	47.9		46.9		2.1		P
Potassium	20	4920		4720		4.1		P
Selenium	20	48		47.8		0.4		P
Silver	20	19.7		19.2		2.6		P
Sodium	20	4980		4750		4.7		P
Thallium	20	47.6		46.4		2.6		P
Vanadium	20	51		49.9		2.2		P
Zinc	20	48.3		47.7		1.2		P

Comments:

100907 1459

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DUPLICATES

EPA Sample No.

247795LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.303		0.304		0.3		CV

Comments:

100907 1459

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247736LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4980		80 - 120	99.6
Antimony				50	49.4		80 - 120	98.8
Arsenic				50	47.9		80 - 120	95.8
Barium				150	143		80 - 120	95.3
Beryllium				50	49.8		80 - 120	99.6
Cadmium				50	46.9		80 - 120	93.8
Calcium				5000	4920		80 - 120	98.4
Chromium				50	49.4		80 - 120	98.8
Cobalt				50	47.9		80 - 120	95.8
Copper				50	49.2		80 - 120	98.4
Iron				5000	5100		80 - 120	102.0
Lead				50	49.2		80 - 120	98.4
Magnesium				5000	4740		80 - 120	94.8
Manganese				50	50.2		80 - 120	100.4
Nickel				50	47.9		80 - 120	95.8
Potassium				5000	4920		80 - 120	98.4
Selenium				50	48		80 - 120	96.0
Silver				20	19.7		80 - 120	98.5
Sodium				5000	4980		80 - 120	99.6
Thallium				50	47.6		80 - 120	95.2
Vanadium				50	51		80 - 120	102.0
Zinc				50	48.3		80 - 120	96.6

100907 1459

U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247737LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Found	%R	Solid (MG/KG) True	Found	C	Limits	%R
Aluminum				5000	4730		80 - 120	94.6
Antimony				50	48.4		80 - 120	96.8
Arsenic				50	46.8		80 - 120	93.6
Barium				150	140		80 - 120	93.3
Beryllium				50	48.7		80 - 120	97.4
Cadmium				50	46		80 - 120	92.0
Calcium				5000	4690		80 - 120	93.8
Chromium				50	48.6		80 - 120	97.2
Cobalt				50	46.8		80 - 120	93.6
Copper				50	48.2		80 - 120	96.4
Iron				5000	4870		80 - 120	97.4
Lead				50	47.7		80 - 120	95.4
Magnesium				5000	4530		80 - 120	90.6
Manganese				50	49.2		80 - 120	98.4
Nickel				50	46.9		80 - 120	93.8
Potassium				5000	4720		80 - 120	94.4
Selenium				50	47.8		80 - 120	95.6
Silver				20	19.2		80 - 120	96.0
Sodium				5000	4750		80 - 120	95.0
Thallium				50	46.4		80 - 120	92.8
Vanadium				50	49.9		80 - 120	99.8
Zinc				50	47.7		80 - 120	95.4

100907 1459

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247795LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.303		80	120	101.0

100907 1459

U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247795LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507449

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.304		80	120	101.3

100907 1459

Chain of Custody Documentation

100907 1459

PEL Laboratories, Inc.

Chain of Custody Record
Record/Work Request

250 7449 KC

4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Page 1 of 5

Company: T N & Associates, Inc.

Address: 1220 Keanestone Circle Marietta, GA

Phone: 678-355-5550 Fax: 678-355-5545

Project Name/Number: National Petroleum Packers / 2005148-1089

Project Manager: Lou Von Oldenburg

Purchase Order:

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Print Names(s) / Affiliation: Lou Von Oldenburg – TN&A

Sampler(s) Signature(s):

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	8010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
1	NPP D33	8/24/07	10:19		O	3	X	X	X	X	Waste	01
2	NPP D34		10:15									02
3	NPP D90		10:10									03
4	NPP D4		10:10									04
5	NPP D32		10:25									05
6	NPP D31		10:30									06
7	NPP D97		10:050									07
8	NPP D100		10:40									08
9	NPP D105		11:05									09
Shipment Method						27	← Total Number of Containers					

250 7449

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		J. Hung PEL	08/17/07	1100			
Additional Comments: TARS Only						J. Hung PEL	08/25/07	0930
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
1CC°D @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2240

PEL Laboratories, Inc.

Chain of Custody Record
Record/Work Request

2507449 KC

4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Page 2 of 5

Company: T N & Associates, Inc.	Project Name/Number: National Petroleum Packers /2005148-1089
Address: 1220 Kennestone Circle Marietta GA	Project Manager: Lou Von Oldenburg
Phone: 678-355-5580 Fax: 678-355-5545	Purchase Order:
Print Names(s) / Affiliation: Lou Von Oldenburg - TN&A	
Sampler(s) Signature(s):	

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested: 6010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
10	NPP D107	8/24/07	11:00		O	3		X	X	X	X	Water	10
11	NPP D106		10:55										11
12	NPP D99		10:45										12
13	NPP D109		~~10:30~~ 10:20										13
14	NPP D110		10:20										14
15	NPP D102		10:10										15
16	NPP D104		10:30										16
17	NPP D111		10:13										17
18	NPP D112		10:16										18
Shipment Method						27		← Total Number of Containers					

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		J. Von Oldenburg PEL	08/17/06	1100			
Additional Comments:	Fed Ex					J. Von Oldenburg PEL	08/25/07	0930
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
rec'd @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507449

241

1

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7835

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337835

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005148-1089

3 To

Recipient's Name _____ Phone 813 247 2805

Company PEL LABS

Recipient's Address 4420 PENDOLA POINT RD Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address TAMPA FL

To request a package be held at a specific FedEx location, print FedEx address here.

City _____ State _____ ZIP 33619

0366274374

8630 3433 7835

Recipient's Copy

4a Express Package Service *Packages up to 150 lbs.*

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. *To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [X] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages 1 Total Weight 6.35

Credit Card Auth. _____

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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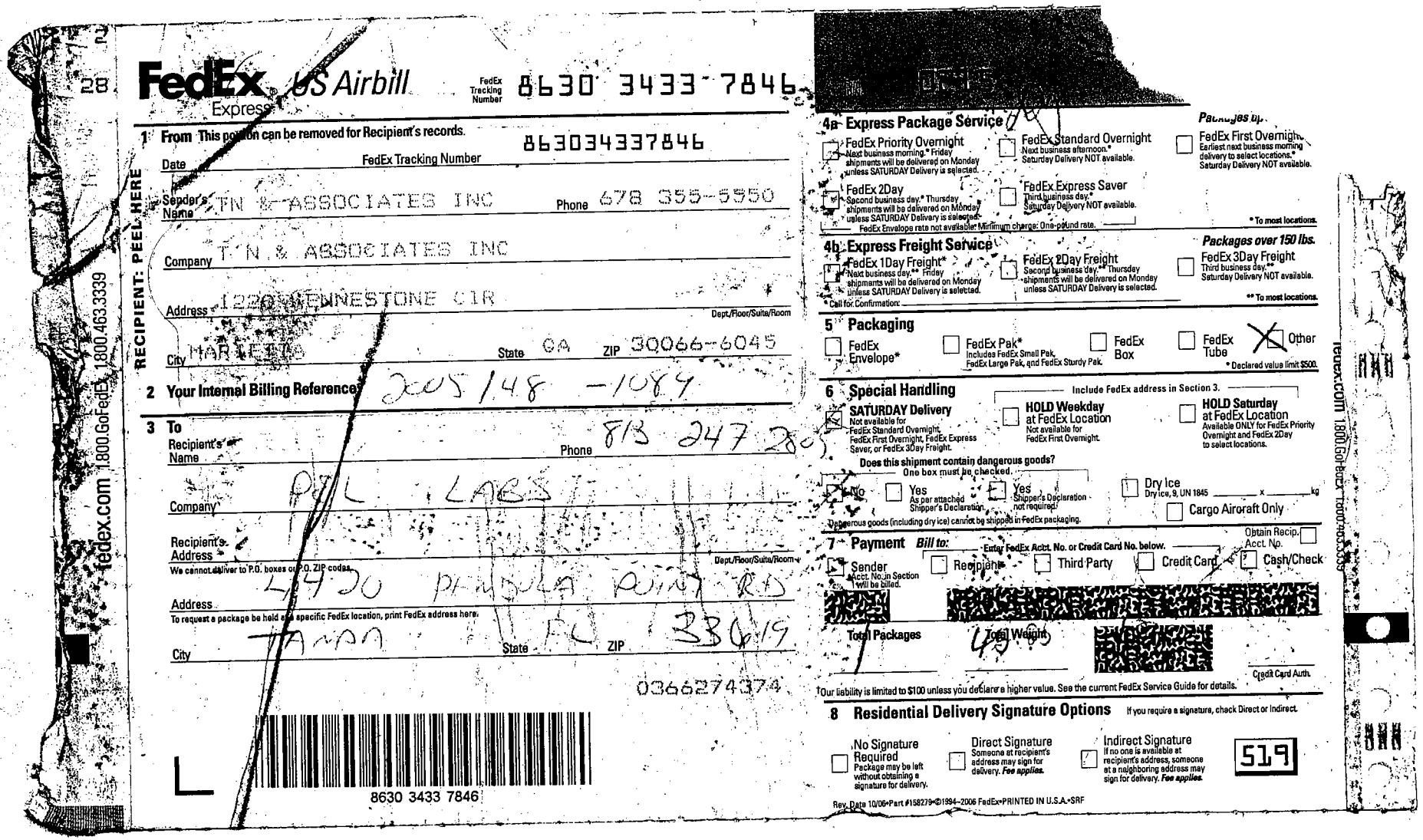

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7846

1 From This portion can be removed for Recipient's records.

Date

FedEx Tracking Number 863034337846

Sender's Name T N & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005148 -1084

3 To

Recipient's Name Phone 813 247 2805

Company PML LABS

Recipient's Address 4420 PENINSULA POINT RD

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7846

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

4a Express Package Service

- FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

Packages up...

- FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

* To most locations.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service — Packages over 150 lbs.

- FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

** To most locations.

Call for Confirmation:

5 Packaging

- FedEx Envelope*
- FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- FedEx Box
- FedEx Tube
- Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- No
- Yes — As per attached Shipper's Declaration
- Yes — Shipper's Declaration not required
- Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No.

- Sender — Acct. No. in Section 1 will be billed.
- Recipient
- Third Party
- Credit Card
- Cash/Check

Total Packages Total Weight 45 lbs

Credit Card Auth.

Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.

- No Signature Required — Package may be left without obtaining a signature for delivery.
- Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

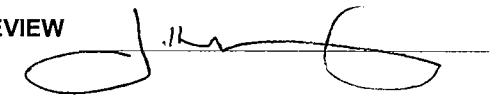
SDG:	2507449	**Req:**	83511
Client:	TN&A	**Project:**	National Petroleum Packers
Level:	2	**Date Rec'd:**	8/25/07 9:30:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/05/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	No	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW 

Client: TN&A

WONo: 2507449 **Profile Name:** Nat'l Petro. **Profile #:** 83511

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 18	Dry Weight	Dry Weight		MM	8/27	11:10
01 - 18	Dry Weight	Dry Weight	MM		8/27	1:00
01 - 18	7470	Mercury		BMD	082707	1000
01 - 18	7470	Mercury	N/A			
01 - 18	6010	Metals		BMD	082707	1000
01 - 18	6010	Metals	N/A			
01 - 18	8260	Volatile Organic Compounds		MBS	8/27/07	11:00
01 - 18	8260	Volatile Organic Compounds		consuming		
01 - 18	8270	GCMS semivolatile		SL	8/27/07	12:10
01 - 18	8270	GCMS semivolatile	SL		8/27/07	20:35
01 - 18	8082	PCB		EC	8/29/07	900
01 - 18	8082	PCB	EC		8/29/07	1800

Additional:

Comments:

Addendum

100907 1459

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/25/2007 9:30:00 AM

Date to be Reported: 9/5/2007

Laboratory Submission Number/SDG: 2507449

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507449

Project: National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

10-day.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level 2

Total of: 90 analyses on 18 samples (including QC) *27-Aug-07*

Report/SDG #: 2507449

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D33	250744901		S	8/24/2007 10:19:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D34	250744902		S	8/24/2007 10:15:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D90	250744903		S	8/24/2007 10:10:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507449

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D4	250744904		S	8/24/2007 10:10:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D32	250744905		S	8/24/2007 10:25:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D31	250744906		S	8/24/2007 10:30:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507449

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D97	250744907		S	8/24/2007 10:50:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D100	250744908		S	8/24/2007 10:40:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D105	250744909		S	8/24/2007 11:05:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507449

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D107	250744910		S	8/24/2007 11:00:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D106	250744911		S	8/24/2007 10:55:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D99	250744912		S	8/24/2007 10:45:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507449

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D109	250744913		S	8/24/2007 10:20:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D110	250744914		S	8/24/2007 10:20:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D102	250744915		S	8/24/2007 10:10:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507449

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D104	250744916		S	8/24/2007 10:30:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D111	250744917		S	8/24/2007 10:13:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D112	250744918		S	8/24/2007 10:16:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

From: Darcy Weisman
Sent: Thursday, September 06, 2007 11:47 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: NPP / SDG 2507449 - 8270

Good morning.

-----Original Message-----
From: Brian Spann
Sent: Thursday, September 06, 2007 11:27 AM
To: Project Managers
Subject: 2507449 - 8270

LCS 3352LCS was analyzed with the soil samples extracted on 08/27/07. The following analyte(s) were recovered below criteria: 2,4-Dinitrophenol at 0 % with criteria of (29-130), 2-Methyl-4,6-dinitrophenol at 24.2 % with criteria of (34-135), 3-Nitroaniline at 71.5 % with criteria of (76-110), 4-Nitrophenol at 31 % with criteria of (52-140), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), Benzyl alcohol at 38.8 % with criteria of (64-125), Di-n-octylphthalate at 51.5 % with criteria of (64-130), Pentachlorophenol at 13.2 % with criteria of (36-120).

The following analyte(s) were recovered above criteria: 1,2-Dichlorobenzene at 103 % with criteria of (65-95), 1,3-Dichlorobenzene at 110 % with criteria of (67-100), 1,4-Dichlorobenzene at 107 % with criteria of (62-105), 2-Methylnaphthalene at 112 % with criteria of (72-105), 4-Chlorophenyl-phenylether at 113 % with criteria of (65-110), Bis(2-Chloroethyl)ether at 107 % with criteria of (61-105), Dibenzofuran at 107 % with criteria of (75-105), Naphthalene at 110 % with criteria of (67-105).

The recoveries are directly related to the final volume adjustment of 10 ml for the LCS to demonstrate recoveries that would be found in the samples.

Samples coded accordingly.

Sample analysis proceeded normally.
The following samples were analyzed at a 1:10 dilution due to non-target analyte interference.
Sample NPP D100
Sample NPP D102
Sample NPP D104
Sample NPP D105
Sample NPP D106
Sample NPP D107
Sample NPP D109
Sample NPP D110
Sample NPP D111
Sample NPP D112

The following samples were analyzed at a 1:50 dilution due to non-target analyte interference.
Sample NPP D31
Sample NPP D32
Sample NPP D33

Sample NPP D34
Sample NPP D4
Sample NPP D90
Sample NPP D97
Sample NPP D99

A. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPP D100 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 13.1 % with criteria of (25-121).

Sample NPP D102 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 18.3 % with criteria of (25-121).

Sample NPP D104 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 15.7 % with criteria of (25-121).

Sample NPP D105 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 15.8 % with criteria of (25-121).

Sample NPP D106 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 14.9 % with criteria of (25-121).

Sample NPP D107 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 14 % with criteria of (25-121).

Sample NPP D109 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 16.6 % with criteria of (25-121).

Sample NPP D110 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 14.7 % with criteria of (25-121).

Sample NPP D111 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 22 % with criteria of (25-121).

Sample NPP D112 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 118 % with criteria of (30-115).

Sample NPP D97 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 16.2 % with criteria of (25-121).

Sample NPP D99 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 15.3 % with criteria of (25-121).

Samples coded accordingly.

The surrogate variances are directly related to matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPP D100 NPP D102 NPP D104 NPP D105 NPP D106 NPP D107 NPP D109 NPP D110 NPP D111 NPP D112 NPP D112MS NPP D31 NPP D32 NPP D33 NPP D34 NPP D4 NPP D90 NPP D97 NPP D99

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PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/25/2007 9:30:00 AM
Date Reported:	9/7/2007
Laboratory Submission Number/SDG:	2507451
Project:	National Petroleum Packers

Samples: The submission consisted of 19 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

For:
Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

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EXECUTIVE SUMMARY - Detection Highlights

2507451

SAMPLE ID: NPP D113

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	39.2	0.976	MG/KG	SW6010B
Arsenic	1.12	0.976	MG/KG	SW6010B
Calcium	24.1	9.76	MG/KG	SW6010B
Copper	0.533	0.488	MG/KG	SW6010B
Iron	144	4.88	MG/KG	SW6010B
Magnesium	6.71 B	9.76	MG/KG	SW6010B
Manganese	1.52	0.488	MG/KG	SW6010B
Nickel	0.609	0.488	MG/KG	SW6010B
Potassium	49.3	48.8	MG/KG	SW6010B
Selenium	2.42	0.976	MG/KG	SW6010B
Sodium	372	29.3	MG/KG	SW6010B
Zinc	3.15	0.976	MG/KG	SW6010B
Mercury	0.00221 B	0.0177	MG/KG	SW7470A
1,2,4-Trimethylbenzene	432 J	833	UG/KG	SW8260B
4-Methyl-2-pentanone	1980	1670	UG/KG	SW8260B
Ethylbenzene	561 J	833	UG/KG	SW8260B
Methylene chloride	6750	2080	UG/KG	SW8260B
Naphthalene	4450	833	UG/KG	SW8260B
o-Xylene	1170	833	UG/KG	SW8260B
p,m-Xylene	2430	1670	UG/KG	SW8260B
Toluene	3230	833	UG/KG	SW8260B

SAMPLE ID: NPP D114

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	41.6	0.973	MG/KG	SW6010B
Arsenic	1.06	0.973	MG/KG	SW6010B
Calcium	19.3	9.73	MG/KG	SW6010B
Copper	0.593	0.486	MG/KG	SW6010B
Iron	152	4.86	MG/KG	SW6010B
Magnesium	6.16 B	9.73	MG/KG	SW6010B
Manganese	1.54	0.486	MG/KG	SW6010B
Nickel	0.553	0.486	MG/KG	SW6010B
Potassium	50.5	48.6	MG/KG	SW6010B
Selenium	1.98	0.973	MG/KG	SW6010B
Sodium	377	29.2	MG/KG	SW6010B
Zinc	3	0.973	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Acetone	2430 J	3500	UG/KG	SW8260B
Naphthalene	3640	699	UG/KG	SW8260B
p,m-Xylene	590 J	1400	UG/KG	SW8260B
Toluene	285 J	699	UG/KG	SW8260B

SAMPLE ID: NPP D115

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	17.6	0.965	MG/KG	SW6010B
Arsenic	1.16	0.965	MG/KG	SW6010B
Calcium	23	9.65	MG/KG	SW6010B
Chromium	0.188 B	0.483	MG/KG	SW6010B
Copper	0.303 B	0.483	MG/KG	SW6010B
Iron	556	4.83	MG/KG	SW6010B
Magnesium	7.16 B	9.65	MG/KG	SW6010B
Manganese	2.94	0.483	MG/KG	SW6010B
Nickel	0.565	0.483	MG/KG	SW6010B
Potassium	70.6	48.3	MG/KG	SW6010B
Selenium	2.21	0.965	MG/KG	SW6010B
Sodium	401	29	MG/KG	SW6010B
Zinc	3.9	0.965	MG/KG	SW6010B
Mercury	0.00256 B	0.017	MG/KG	SW7470A
Naphthalene	3250	813	UG/KG	SW8260B
p,m-Xylene	529 J	1630	UG/KG	SW8260B
Toluene	315 J	813	UG/KG	SW8260B

SAMPLE ID: NPP D116

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	24.6	0.945	MG/KG	SW6010B
Arsenic	0.692 B	0.945	MG/KG	SW6010B
Cadmium	0.0624 B	0.472	MG/KG	SW6010B
Calcium	21.6	9.45	MG/KG	SW6010B
Chromium	0.193 B	0.472	MG/KG	SW6010B
Copper	0.169 B	0.472	MG/KG	SW6010B
Iron	546	4.72	MG/KG	SW6010B
Magnesium	7.21 B	9.45	MG/KG	SW6010B
Manganese	2.82	0.472	MG/KG	SW6010B
Nickel	0.471 B	0.472	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507451

Potassium	48.8	47.2	MG/KG	SW6010B
Selenium	2.45	0.945	MG/KG	SW6010B
Sodium	757	28.4	MG/KG	SW6010B
Zinc	4.32	0.945	MG/KG	SW6010B
Mercury	0.00202 B	0.0182	MG/KG	SW7470A
Acetone	6870	3570	UG/KG	SW8260B
Benzene	356 J	714	UG/KG	SW8260B
Methylene chloride	704 J	1780	UG/KG	SW8260B
Naphthalene	3500	714	UG/KG	SW8260B
p,m-Xylene	666 J	1430	UG/KG	SW8260B
Toluene	456 J	714	UG/KG	SW8260B

SAMPLE ID: NPP D117

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	15.7	9.75	MG/KG	SW6010B
Antimony	73.5	0.975	MG/KG	SW6010B
Arsenic	1.1	0.975	MG/KG	SW6010B
Barium	0.894	0.487	MG/KG	SW6010B
Calcium	301	9.75	MG/KG	SW6010B
Chromium	0.654	0.487	MG/KG	SW6010B
Cobalt	0.213 B	0.487	MG/KG	SW6010B
Copper	0.44 B	0.487	MG/KG	SW6010B
Iron	963	4.87	MG/KG	SW6010B
Magnesium	99.1	9.75	MG/KG	SW6010B
Manganese	34.7	0.487	MG/KG	SW6010B
Nickel	1.63	0.487	MG/KG	SW6010B
Potassium	642	48.7	MG/KG	SW6010B
Selenium	1.05	0.975	MG/KG	SW6010B
Sodium	6060	29.2	MG/KG	SW6010B
Zinc	1.9	0.975	MG/KG	SW6010B
Acetone	1790 J	3730	UG/KG	SW8260B
Phenol	244000 J	1670000	UG/KG	SW8270C

SAMPLE ID: NPP D118

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	15.3	0.982	MG/KG	SW6010B
Arsenic	0.952 B	0.982	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Calcium	19.5	9.82	MG/KG	SW6010B
Chromium	0.463 B	0.491	MG/KG	SW6010B
Copper	0.19 B	0.491	MG/KG	SW6010B
Iron	2360	4.91	MG/KG	SW6010B
Magnesium	5.4 B	9.82	MG/KG	SW6010B
Manganese	11.9	0.491	MG/KG	SW6010B
Nickel	0.364 B	0.491	MG/KG	SW6010B
Potassium	46.6 B	49.1	MG/KG	SW6010B
Selenium	1.56	0.982	MG/KG	SW6010B
Sodium	358	29.5	MG/KG	SW6010B
Zinc	2.73	0.982	MG/KG	SW6010B
Naphthalene	3330	943	UG/KG	SW8260B

SAMPLE ID: NPP D119

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	15.4	0.988	MG/KG	SW6010B
Arsenic	0.584 B	0.988	MG/KG	SW6010B
Calcium	23.1	9.88	MG/KG	SW6010B
Chromium	0.196 B	0.494	MG/KG	SW6010B
Iron	837	4.94	MG/KG	SW6010B
Magnesium	5.71 B	9.88	MG/KG	SW6010B
Manganese	3.64	0.494	MG/KG	SW6010B
Nickel	0.311 B	0.494	MG/KG	SW6010B
Potassium	51.9	49.4	MG/KG	SW6010B
Selenium	2.6	0.988	MG/KG	SW6010B
Sodium	362	29.6	MG/KG	SW6010B
Zinc	3.69	0.988	MG/KG	SW6010B
Naphthalene	3450	758	UG/KG	SW8260B
p,m-Xylene	671 J	1520	UG/KG	SW8260B
Toluene	295 J	758	UG/KG	SW8260B

SAMPLE ID: NPP D120

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	20.8	0.971	MG/KG	SW6010B
Arsenic	0.829 B	0.971	MG/KG	SW6010B
Calcium	19.7	9.71	MG/KG	SW6010B
Chromium	0.449 B	0.485	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Iron	1050	4.85	MG/KG	SW6010B
Magnesium	6.08 B	9.71	MG/KG	SW6010B
Manganese	5.27	0.485	MG/KG	SW6010B
Nickel	0.415 B	0.485	MG/KG	SW6010B
Potassium	51.4	48.5	MG/KG	SW6010B
Selenium	2.21	0.971	MG/KG	SW6010B
Sodium	394	29.1	MG/KG	SW6010B
Zinc	3.32	0.971	MG/KG	SW6010B
Acetone	2970 J	4350	UG/KG	SW8260B
Naphthalene	3250	870	UG/KG	SW8260B
Toluene	324 J	870	UG/KG	SW8260B

SAMPLE ID: NPP D121

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	14.9	0.954	MG/KG	SW6010B
Arsenic	0.981	0.954	MG/KG	SW6010B
Calcium	21.6	9.54	MG/KG	SW6010B
Chromium	0.256 B	0.477	MG/KG	SW6010B
Iron	604	4.77	MG/KG	SW6010B
Magnesium	6.21 B	9.54	MG/KG	SW6010B
Manganese	3	0.477	MG/KG	SW6010B
Nickel	0.418 B	0.477	MG/KG	SW6010B
Potassium	61.2	47.7	MG/KG	SW6010B
Selenium	2.29	0.954	MG/KG	SW6010B
Sodium	388	28.6	MG/KG	SW6010B
Zinc	3.13	0.954	MG/KG	SW6010B
Naphthalene	3590	699	UG/KG	SW8260B
p,m-Xylene	596 J	1400	UG/KG	SW8260B
Toluene	325 J	699	UG/KG	SW8260B

SAMPLE ID: NPP D122

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	75.7	0.967	MG/KG	SW6010B
Arsenic	5.79	0.967	MG/KG	SW6010B
Calcium	22.1	9.67	MG/KG	SW6010B
Chromium	0.264 B	0.484	MG/KG	SW6010B
Iron	21.3	4.84	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Manganese	0.317 B	0.484	MG/KG	SW6010B
Potassium	13200	48.4	MG/KG	SW6010B
Selenium	1.24	0.967	MG/KG	SW6010B
Zinc	0.809 B	0.967	MG/KG	SW6010B
p,m-Xylene	1130 J	1360	UG/KG	SW8260B
Phenol	120000 J	1710000	UG/KG	SW8270C

SAMPLE ID: NPP D122DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	28800	145	MG/KG	SW6010B

SAMPLE ID: NPP D123

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	3.07 B	9.63	MG/KG	SW6010B
Antimony	65.7	0.963	MG/KG	SW6010B
Arsenic	4.5	0.963	MG/KG	SW6010B
Barium	0.242 B	0.482	MG/KG	SW6010B
Cadmium	0.0501 B	0.482	MG/KG	SW6010B
Calcium	52.5	9.63	MG/KG	SW6010B
Chromium	0.603	0.482	MG/KG	SW6010B
Copper	0.278 B	0.482	MG/KG	SW6010B
Iron	64.7	4.82	MG/KG	SW6010B
Manganese	3.6	0.482	MG/KG	SW6010B
Potassium	9180	48.2	MG/KG	SW6010B
Selenium	1.3	0.963	MG/KG	SW6010B
Vanadium	0.236 B	0.482	MG/KG	SW6010B
Zinc	3.55	0.963	MG/KG	SW6010B
2-Butanone	4000 J	4130	UG/KG	SW8260B
Methylene chloride	469 J	2070	UG/KG	SW8260B
Naphthalene	385 J	826	UG/KG	SW8260B
p,m-Xylene	33500	1650	UG/KG	SW8260B
Toluene	387 J	826	UG/KG	SW8260B
Phenol	347000 J	1740000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPP D123DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	27600	144	MG/KG	SW6010B

SAMPLE ID: NPP D125

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	53.6	0.96	MG/KG	SW6010B
Arsenic	6.18	0.96	MG/KG	SW6010B
Cadmium	0.0508 B	0.48	MG/KG	SW6010B
Calcium	7.01 B	9.6	MG/KG	SW6010B
Iron	4.09 B	4.8	MG/KG	SW6010B
Potassium	2580	48	MG/KG	SW6010B
Selenium	1.39	0.96	MG/KG	SW6010B
Phenol	342000 J	1840000	UG/KG	SW8270C

SAMPLE ID: NPP D125DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	39100	144	MG/KG	SW6010B

SAMPLE ID: NPP D126

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	62.8	0.984	MG/KG	SW6010B
Arsenic	6.46	0.984	MG/KG	SW6010B
Calcium	11.2	9.84	MG/KG	SW6010B
Iron	7.81	4.92	MG/KG	SW6010B
Manganese	0.32 B	0.492	MG/KG	SW6010B
Potassium	2600	49.2	MG/KG	SW6010B
Selenium	1.21	0.984	MG/KG	SW6010B
p,m-Xylene	5430	1630	UG/KG	SW8260B
Phenol	374000 J	1700000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPP D126DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	39400	148	MG/KG	SW6010B

SAMPLE ID: NPP D127

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	77.4	1	MG/KG	SW6010B
Arsenic	6.29	1	MG/KG	SW6010B
Calcium	14.6	10	MG/KG	SW6010B
Chromium	0.25 B	0.5	MG/KG	SW6010B
Copper	0.21 B	0.5	MG/KG	SW6010B
Iron	19	5	MG/KG	SW6010B
Manganese	0.695	0.5	MG/KG	SW6010B
Potassium	2460	50	MG/KG	SW6010B
Selenium	1.2	1	MG/KG	SW6010B
Zinc	1.02	1	MG/KG	SW6010B
Phenol	436000 J	1820000	UG/KG	SW8270C

SAMPLE ID: NPP D127DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	42300	150	MG/KG	SW6010B

SAMPLE ID: NPP D138

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.26 B	9.88	MG/KG	SW6010B
Antimony	303	0.988	MG/KG	SW6010B
Arsenic	1.29	0.988	MG/KG	SW6010B
Calcium	186	9.88	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Chromium	0.269 B	0.494	MG/KG	SW6010B
Cobalt	0.27 B	0.494	MG/KG	SW6010B
Iron	2130	4.94	MG/KG	SW6010B
Magnesium	52.9	9.88	MG/KG	SW6010B
Manganese	25.1	0.494	MG/KG	SW6010B
Nickel	1.56	0.494	MG/KG	SW6010B
Potassium	1720	49.4	MG/KG	SW6010B
Selenium	1.02	0.988	MG/KG	SW6010B
Sodium	3700	29.6	MG/KG	SW6010B
Zinc	2.6	0.988	MG/KG	SW6010B
Acetone	3490 J	3820	UG/KG	SW8260B
Isopropylbenzene (Cum	350 J	763	UG/KG	SW8260B

SAMPLE ID: NPP D22

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	11.8	9.76	MG/KG	SW6010B
Antimony	40.5	0.976	MG/KG	SW6010B
Arsenic	0.519 B	0.976	MG/KG	SW6010B
Barium	0.809	0.488	MG/KG	SW6010B
Calcium	83.2	9.76	MG/KG	SW6010B
Chromium	1.12	0.488	MG/KG	SW6010B
Cobalt	0.088 B	0.488	MG/KG	SW6010B
Copper	1.79	0.488	MG/KG	SW6010B
Iron	261	4.88	MG/KG	SW6010B
Magnesium	17.2	9.76	MG/KG	SW6010B
Manganese	2.41	0.488	MG/KG	SW6010B
Nickel	2.46	0.488	MG/KG	SW6010B
Potassium	66.4	48.8	MG/KG	SW6010B
Selenium	0.561 B	0.976	MG/KG	SW6010B
Sodium	955	29.3	MG/KG	SW6010B
Zinc	7.91	0.976	MG/KG	SW6010B
Mercury	0.00343 B	0.0186	MG/KG	SW7470A
1,2,4-Trimethylbenzene	24700	1300	UG/KG	SW8260B
1,3,5-Trimethylbenzene	2600	1300	UG/KG	SW8260B
2-Butanone	2990 J	6490	UG/KG	SW8260B
4-Isopropyltoluene	3740	1300	UG/KG	SW8260B
4-Methyl-2-pentanone	1300 J	2600	UG/KG	SW8260B
Benzene	25400	1300	UG/KG	SW8260B
Chloromethane	1680	1300	UG/KG	SW8260B
Ethylbenzene	22800	1300	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507451

Isopropylbenzene (Cum	2180	1300	UG/KG	SW8260B
Naphthalene	5760	1300	UG/KG	SW8260B
n-Butylbenzene	6460	1300	UG/KG	SW8260B
n-Propylbenzene	5890	1300	UG/KG	SW8260B
o-Xylene	20100	1300	UG/KG	SW8260B
p,m-Xylene	46500	2600	UG/KG	SW8260B
sec-Butylbenzene	838 J	1300	UG/KG	SW8260B
Styrene	1740	1300	UG/KG	SW8260B

SAMPLE ID: NPP D22DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Toluene	63200	2600	UG/KG	SW8260B

SAMPLE ID: NPP D23

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	9.18 B	9.67	MG/KG	SW6010B
Barium	0.985	0.484	MG/KG	SW6010B
Calcium	163	9.67	MG/KG	SW6010B
Chromium	1.34	0.484	MG/KG	SW6010B
Copper	0.568	0.484	MG/KG	SW6010B
Iron	162	4.84	MG/KG	SW6010B
Lead	1.17	0.658	MG/KG	SW6010B
Magnesium	145	9.67	MG/KG	SW6010B
Manganese	4.68	0.484	MG/KG	SW6010B
Nickel	0.412 B	0.484	MG/KG	SW6010B
Potassium	217	48.4	MG/KG	SW6010B
Sodium	1670	29	MG/KG	SW6010B
Vanadium	0.24 B	0.484	MG/KG	SW6010B
Zinc	9.29	0.967	MG/KG	SW6010B
1,2,4-Trimethylbenzene	1380	709	UG/KG	SW8260B
MTBE	801	709	UG/KG	SW8260B
Naphthalene	1450	709	UG/KG	SW8260B
n-Propylbenzene	115 J	709	UG/KG	SW8260B
sec-Butylbenzene	164 J	709	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507451

SAMPLE ID: NPP D25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.39 B	9.62	MG/KG	SW6010B
Antimony	72.8	0.962	MG/KG	SW6010B
Arsenic	5.14	0.962	MG/KG	SW6010B
Calcium	64.1	9.62	MG/KG	SW6010B
Chromium	0.318 B	0.481	MG/KG	SW6010B
Iron	8.85	4.81	MG/KG	SW6010B
Manganese	0.514	0.481	MG/KG	SW6010B
Potassium	8530	48.1	MG/KG	SW6010B
Selenium	0.766 B	0.962	MG/KG	SW6010B
Vanadium	0.164 B	0.481	MG/KG	SW6010B
Zinc	1.26	0.962	MG/KG	SW6010B
p,m-Xylene	793 J	1560	UG/KG	SW8260B
Phenol	110000 J	1790000	UG/KG	SW8270C

SAMPLE ID: NPP D25DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	34500	144	MG/KG	SW6010B

SAMPLE ID: NPP D26

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	76.8	0.99	MG/KG	SW6010B
Arsenic	7.02	0.99	MG/KG	SW6010B
Calcium	13	9.9	MG/KG	SW6010B
Chromium	0.301 B	0.495	MG/KG	SW6010B
Copper	0.378 B	0.495	MG/KG	SW6010B
Iron	26.6	4.95	MG/KG	SW6010B
Manganese	1.64	0.495	MG/KG	SW6010B
Potassium	2630	49.5	MG/KG	SW6010B
Selenium	1	0.99	MG/KG	SW6010B
Zinc	0.821 B	0.99	MG/KG	SW6010B
p,m-Xylene	675 J	1720	UG/KG	SW8260B
Phenol	403000 J	1640000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

2507451

SAMPLE ID: NPP D26DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	36900	148	MG/KG	SW6010B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample NPP D26 was recovered above criteria for 1,2-Dichloroethane-d4 at 125 % with criteria of (71-124). No further action was taken, since the three other surrogates met acceptance criteria.

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/04/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Method: 8260

EPA Sample No	Lab Sample ID
NPP D113	250745101
NPP D114	250745102
NPP D118	250745103
NPP D119	250745104
NPP D116	250745105
NPP D115	250745106
NPP D123	250745107
NPP D127	250745108
NPP D117	250745109
NPP D138	250745110
NPP D126	250745111
NPP D125	250745112
NPP D25	250745113
NPP D26	250745114
NPP D120	250745115
NPP D23	250745116
NPP D121	250745117
NPP D22	250745118
NPP D22DL1	250745118DL1
NPP D122	250745119

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D113

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745101 Lab File ID: 45101.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1435

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	833	U
74-87-3	Chloromethane	833	U
75-01-4	Vinyl chloride	833	U
74-83-9	Bromomethane	833	U
75-00-3	Chloroethane	2080	U
75-69-4	Trichlorofluoromethane	833	U
75-35-4	1,1-Dichloroethene	833	U
107-02-8	Acrolein	10400	U
74-88-4	Methyl iodide	833	U
75-15-0	Carbon disulfide	833	U
75-09-2	Methylene chloride	6750	
156-60-5	trans-1,2-Dichloroethene	833	U
107-13-1	Acrylonitrile	2080	U
75-34-3	1,1-Dichloroethane	833	U
67-64-1	Acetone	4170	U
594-20-7	2,2-Dichloropropane	833	U
156-59-2	cis-1,2-Dichloroethene	833	U
74-97-5	Bromochloromethane	833	U
78-93-3	2-Butanone	4170	U
67-66-3	Chloroform	833	U
71-55-6	1,1,1-Trichloroethane	833	U
56-23-5	Carbon tetrachloride	833	U
563-58-6	1,1-Dichloropropene	833	U
71-43-2	Benzene	833	U
107-06-2	1,2-Dichloroethane	833	U
79-01-6	Trichloroethene	833	U
108-05-4	Vinyl acetate	1670	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D113

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745101 Lab File ID: 45101.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1435

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	833	U
74-95-3	Dibromomethane	833	U
75-27-4	Bromodichloromethane	833	U
10061-01-5	cis-1,3-Dichloropropene	833	U
108-10-1	4-Methyl-2-pentanone	1980	
108-88-3	Toluene	3230	
10061-02-6	trans-1,3-Dichloropropene	833	U
79-00-5	1,1,2-Trichloroethane	833	U
127-18-4	Tetrachloroethene	2080	U
142-28-9	1,3-Dichloropropane	833	U
591-78-6	2-Hexanone	1670	U
124-48-1	Dibromochloromethane	833	U
106-93-4	1,2-Dibromoethane(EDB)	833	U
108-90-7	Chlorobenzene	833	U
630-20-6	1,1,1,2-Tetrachloroethane	833	U
100-41-4	Ethylbenzene	561	J
511-39-00	p,m-Xylene	2430	
95-47-6	o-Xylene	1170	
100-42-5	Styrene	833	U
75-25-2	Bromoform	2080	U
98-82-8	Isopropylbenzene (Cumene)	833	U
108-86-1	Bromobenzene	833	U
79-34-5	1,1,2,2-Tetrachloroethane	833	U
96-18-4	1,2,3-Trichloropropane	833	U
103-65-1	n-Propylbenzene	833	U
95-49-8	2-Chlorotoluene	833	U
106-43-4	4-Chlorotoluene	833	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D113

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745101 Lab File ID: 45101.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1435

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	833	U
98-06-6	tert-Butylbenzene	833	U
95-63-6	1,2,4-Trimethylbenzene	432	J
135-98-8	sec-Butylbenzene	833	U
541-73-1	1,3-Dichlorobenzene	833	U
106-46-7	1,4-Dichlorobenzene	833	U
99-87-6	4-Isopropyltoluene	833	U
104-51-8	n-Butylbenzene	833	U
95-50-1	1,2-Dichlorobenzene	833	U
96-12-8	1,2-Dibromo-3-chloropropane	4170	U
120-82-1	1,2,4-Trichlorobenzene	833	U
87-68-3	Hexachlorobutadiene	1250	U
91-20-3	Naphthalene	4450	
87-61-6	1,2,3-Trichlorobenzene	833	U
1634-04-4	MTBE	833	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D114

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745102 Lab File ID: 45102.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1503

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	699	U
74-87-3	Chloromethane	699	U
75-01-4	Vinyl chloride	699	U
74-83-9	Bromomethane	699	U
75-00-3	Chloroethane	1750	U
75-69-4	Trichlorofluoromethane	699	U
75-35-4	1,1-Dichloroethene	699	U
107-02-8	Acrolein	8740	U
74-88-4	Methyl iodide	699	U
75-15-0	Carbon disulfide	699	U
75-09-2	Methylene chloride	1750	U
156-60-5	trans-1,2-Dichloroethene	699	U
107-13-1	Acrylonitrile	1750	U
75-34-3	1,1-Dichloroethane	699	U
67-64-1	Acetone	2430	J
594-20-7	2,2-Dichloropropane	699	U
156-59-2	cis-1,2-Dichloroethene	699	U
74-97-5	Bromochloromethane	699	U
78-93-3	2-Butanone	3500	U
67-66-3	Chloroform	699	U
71-55-6	1,1,1-Trichloroethane	699	U
56-23-5	Carbon tetrachloride	699	U
563-58-6	1,1-Dichloropropene	699	U
71-43-2	Benzene	699	U
107-06-2	1,2-Dichloroethane	699	U
79-01-6	Trichloroethene	699	U
108-05-4	Vinyl acetate	1400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D114

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745102 Lab File ID: 45102.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1503

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	699	U
74-95-3	Dibromomethane	699	U
75-27-4	Bromodichloromethane	699	U
10061-01-5	cis-1,3-Dichloropropene	699	U
108-10-1	4-Methyl-2-pentanone	1400	U
108-88-3	Toluene	285	J
10061-02-6	trans-1,3-Dichloropropene	699	U
79-00-5	1,1,2-Trichloroethane	699	U
127-18-4	Tetrachloroethene	1750	U
142-28-9	1,3-Dichloropropane	699	U
591-78-6	2-Hexanone	1400	U
124-48-1	Dibromochloromethane	699	U
106-93-4	1,2-Dibromoethane(EDB)	699	U
108-90-7	Chlorobenzene	699	U
630-20-6	1,1,1,2-Tetrachloroethane	699	U
100-41-4	Ethylbenzene	699	U
511-39-00	p,m-Xylene	590	J
95-47-6	o-Xylene	699	U
100-42-5	Styrene	699	U
75-25-2	Bromoform	1750	U
98-82-8	Isopropylbenzene (Cumene)	699	U
108-86-1	Bromobenzene	699	U
79-34-5	1,1,2,2-Tetrachloroethane	699	U
96-18-4	1,2,3-Trichloropropane	699	U
103-65-1	n-Propylbenzene	699	U
95-49-8	2-Chlorotoluene	699	U
106-43-4	4-Chlorotoluene	699	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D114

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745102 Lab File ID: 45102.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1503

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	699	U
98-06-6	tert-Butylbenzene	699	U
95-63-6	1,2,4-Trimethylbenzene	699	U
135-98-8	sec-Butylbenzene	699	U
541-73-1	1,3-Dichlorobenzene	699	U
106-46-7	1,4-Dichlorobenzene	699	U
99-87-6	4-Isopropyltoluene	699	U
104-51-8	n-Butylbenzene	699	U
95-50-1	1,2-Dichlorobenzene	699	U
96-12-8	1,2-Dibromo-3-chloropropane	3500	U
120-82-1	1,2,4-Trichlorobenzene	699	U
87-68-3	Hexachlorobutadiene	1050	U
91-20-3	Naphthalene	3640	
87-61-6	1,2,3-Trichlorobenzene	699	U
1634-04-4	MTBE	699	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D118

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745103 Lab File ID: 45103.D

Sample wt/vol: 1.06 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1531

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	943	U
74-87-3	Chloromethane	943	U
75-01-4	Vinyl chloride	943	U
74-83-9	Bromomethane	943	U
75-00-3	Chloroethane	2360	U
75-69-4	Trichlorofluoromethane	943	U
75-35-4	1,1-Dichloroethene	943	U
107-02-8	Acrolein	11800	U
74-88-4	Methyl iodide	943	U
75-15-0	Carbon disulfide	943	U
75-09-2	Methylene chloride	2360	U
156-60-5	trans-1,2-Dichloroethene	943	U
107-13-1	Acrylonitrile	2360	U
75-34-3	1,1-Dichloroethane	943	U
67-64-1	Acetone	4720	U
594-20-7	2,2-Dichloropropane	943	U
156-59-2	cis-1,2-Dichloroethene	943	U
74-97-5	Bromochloromethane	943	U
78-93-3	2-Butanone	4720	U
67-66-3	Chloroform	943	U
71-55-6	1,1,1-Trichloroethane	943	U
56-23-5	Carbon tetrachloride	943	U
563-58-6	1,1-Dichloropropene	943	U
71-43-2	Benzene	943	U
107-06-2	1,2-Dichloroethane	943	U
79-01-6	Trichloroethene	943	U
108-05-4	Vinyl acetate	1890	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D118

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745103 Lab File ID: 45103.D

Sample wt/vol: 1.06 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1531

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	943	U
74-95-3	Dibromomethane	943	U
75-27-4	Bromodichloromethane	943	U
10061-01-5	cis-1,3-Dichloropropene	943	U
108-10-1	4-Methyl-2-pentanone	1890	U
108-88-3	Toluene	943	U
10061-02-6	trans-1,3-Dichloropropene	943	U
79-00-5	1,1,2-Trichloroethane	943	U
127-18-4	Tetrachloroethene	2360	U
142-28-9	1,3-Dichloropropane	943	U
591-78-6	2-Hexanone	1890	U
124-48-1	Dibromochloromethane	943	U
106-93-4	1,2-Dibromoethane(EDB)	943	U
108-90-7	Chlorobenzene	943	U
630-20-6	1,1,1,2-Tetrachloroethane	943	U
100-41-4	Ethylbenzene	943	U
511-39-00	p,m-Xylene	1890	U
95-47-6	o-Xylene	943	U
100-42-5	Styrene	943	U
75-25-2	Bromoform	2360	U
98-82-8	Isopropylbenzene (Cumene)	943	U
108-86-1	Bromobenzene	943	U
79-34-5	1,1,2,2-Tetrachloroethane	943	U
96-18-4	1,2,3-Trichloropropane	943	U
103-65-1	n-Propylbenzene	943	U
95-49-8	2-Chlorotoluene	943	U
106-43-4	4-Chlorotoluene	943	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D118

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745103 Lab File ID: 45103.D

Sample wt/vol: 1.06 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1531

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	943	U
98-06-6	tert-Butylbenzene	943	U
95-63-6	1,2,4-Trimethylbenzene	943	U
135-98-8	sec-Butylbenzene	943	U
541-73-1	1,3-Dichlorobenzene	943	U
106-46-7	1,4-Dichlorobenzene	943	U
99-87-6	4-Isopropyltoluene	943	U
104-51-8	n-Butylbenzene	943	U
95-50-1	1,2-Dichlorobenzene	943	U
96-12-8	1,2-Dibromo-3-chloropropane	4720	U
120-82-1	1,2,4-Trichlorobenzene	943	U
87-68-3	Hexachlorobutadiene	1420	U
91-20-3	Naphthalene	3330	
87-61-6	1,2,3-Trichlorobenzene	943	U
1634-04-4	MTBE	943	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D119

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745104 Lab File ID: 45104.D

Sample wt/vol: 1.32 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1559

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	758	U
74-87-3	Chloromethane	758	U
75-01-4	Vinyl chloride	758	U
74-83-9	Bromomethane	758	U
75-00-3	Chloroethane	1890	U
75-69-4	Trichlorofluoromethane	758	U
75-35-4	1,1-Dichloroethene	758	U
107-02-8	Acrolein	9470	U
74-88-4	Methyl iodide	758	U
75-15-0	Carbon disulfide	758	U
75-09-2	Methylene chloride	1890	U
156-60-5	trans-1,2-Dichloroethene	758	U
107-13-1	Acrylonitrile	1890	U
75-34-3	1,1-Dichloroethane	758	U
67-64-1	Acetone	3790	U
594-20-7	2,2-Dichloropropane	758	U
156-59-2	cis-1,2-Dichloroethene	758	U
74-97-5	Bromochloromethane	758	U
78-93-3	2-Butanone	3790	U
67-66-3	Chloroform	758	U
71-55-6	1,1,1-Trichloroethane	758	U
56-23-5	Carbon tetrachloride	758	U
563-58-6	1,1-Dichloropropene	758	U
71-43-2	Benzene	758	U
107-06-2	1,2-Dichloroethane	758	U
79-01-6	Trichloroethene	758	U
108-05-4	Vinyl acetate	1520	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D119

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745104 Lab File ID: 45104.D

Sample wt/vol: 1.32 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1559

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	758	U
74-95-3	Dibromomethane	758	U
75-27-4	Bromodichloromethane	758	U
10061-01-5	cis-1,3-Dichloropropene	758	U
108-10-1	4-Methyl-2-pentanone	1520	U
108-88-3	Toluene	295	J
10061-02-6	trans-1,3-Dichloropropene	758	U
79-00-5	1,1,2-Trichloroethane	758	U
127-18-4	Tetrachloroethene	1890	U
142-28-9	1,3-Dichloropropane	758	U
591-78-6	2-Hexanone	1520	U
124-48-1	Dibromochloromethane	758	U
106-93-4	1,2-Dibromoethane(EDB)	758	U
108-90-7	Chlorobenzene	758	U
630-20-6	1,1,1,2-Tetrachloroethane	758	U
100-41-4	Ethylbenzene	758	U
511-39-00	p,m-Xylene	671	J
95-47-6	o-Xylene	758	U
100-42-5	Styrene	758	U
75-25-2	Bromoform	1890	U
98-82-8	Isopropylbenzene (Cumene)	758	U
108-86-1	Bromobenzene	758	U
79-34-5	1,1,2,2-Tetrachloroethane	758	U
96-18-4	1,2,3-Trichloropropane	758	U
103-65-1	n-Propylbenzene	758	U
95-49-8	2-Chlorotoluene	758	U
106-43-4	4-Chlorotoluene	758	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D119

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745104 Lab File ID: 45104.D

Sample wt/vol: 1.32 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1559

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	758	U
98-06-6	tert-Butylbenzene	758	U
95-63-6	1,2,4-Trimethylbenzene	758	U
135-98-8	sec-Butylbenzene	758	U
541-73-1	1,3-Dichlorobenzene	758	U
106-46-7	1,4-Dichlorobenzene	758	U
99-87-6	4-Isopropyltoluene	758	U
104-51-8	n-Butylbenzene	758	U
95-50-1	1,2-Dichlorobenzene	758	U
96-12-8	1,2-Dibromo-3-chloropropane	3790	U
120-82-1	1,2,4-Trichlorobenzene	758	U
87-68-3	Hexachlorobutadiene	1140	U
91-20-3	Naphthalene	3450	
87-61-6	1,2,3-Trichlorobenzene	758	U
1634-04-4	MTBE	758	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D116

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745105 Lab File ID: 45105.D

Sample wt/vol: 1.4 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1313

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	714	U
74-87-3	Chloromethane	714	U
75-01-4	Vinyl chloride	714	U
74-83-9	Bromomethane	714	U
75-00-3	Chloroethane	1780	U
75-69-4	Trichlorofluoromethane	714	U
75-35-4	1,1-Dichloroethene	714	U
107-02-8	Acrolein	8930	U
74-88-4	Methyl iodide	714	U
75-15-0	Carbon disulfide	714	U
75-09-2	Methylene chloride	704	J
156-60-5	trans-1,2-Dichloroethene	714	U
107-13-1	Acrylonitrile	1780	U
75-34-3	1,1-Dichloroethane	714	U
67-64-1	Acetone	6870	
594-20-7	2,2-Dichloropropane	714	U
156-59-2	cis-1,2-Dichloroethene	714	U
74-97-5	Bromochloromethane	714	U
78-93-3	2-Butanone	3570	U
67-66-3	Chloroform	714	U
71-55-6	1,1,1-Trichloroethane	714	U
56-23-5	Carbon tetrachloride	714	U
563-58-6	1,1-Dichloropropene	714	U
71-43-2	Benzene	356	J
107-06-2	1,2-Dichloroethane	714	U
79-01-6	Trichloroethene	714	U
108-05-4	Vinyl acetate	1430	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D116

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745105 Lab File ID: 45105.D

Sample wt/vol: 1.4 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1313

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	714	U
74-95-3	Dibromomethane	714	U
75-27-4	Bromodichloromethane	714	U
10061-01-5	cis-1,3-Dichloropropene	714	U
108-10-1	4-Methyl-2-pentanone	1430	U
108-88-3	Toluene	456	J
10061-02-6	trans-1,3-Dichloropropene	714	U
79-00-5	1,1,2-Trichloroethane	714	U
127-18-4	Tetrachloroethene	1780	U
142-28-9	1,3-Dichloropropane	714	U
591-78-6	2-Hexanone	1430	U
124-48-1	Dibromochloromethane	714	U
106-93-4	1,2-Dibromoethane(EDB)	714	U
108-90-7	Chlorobenzene	714	U
630-20-6	1,1,1,2-Tetrachloroethane	714	U
100-41-4	Ethylbenzene	714	U
511-39-00	p,m-Xylene	666	J
95-47-6	o-Xylene	714	U
100-42-5	Styrene	714	U
75-25-2	Bromoform	1780	U
98-82-8	Isopropylbenzene (Cumene)	714	U
108-86-1	Bromobenzene	714	U
79-34-5	1,1,2,2-Tetrachloroethane	714	U
96-18-4	1,2,3-Trichloropropane	714	U
103-65-1	n-Propylbenzene	714	U
95-49-8	2-Chlorotoluene	714	U
106-43-4	4-Chlorotoluene	714	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D116

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745105 Lab File ID: 45105.D

Sample wt/vol: 1.4 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1313

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	714	U
98-06-6	tert-Butylbenzene	714	U
95-63-6	1,2,4-Trimethylbenzene	714	U
135-98-8	sec-Butylbenzene	714	U
541-73-1	1,3-Dichlorobenzene	714	U
106-46-7	1,4-Dichlorobenzene	714	U
99-87-6	4-Isopropyltoluene	714	U
104-51-8	n-Butylbenzene	714	U
95-50-1	1,2-Dichlorobenzene	714	U
96-12-8	1,2-Dibromo-3-chloropropane	3570	U
120-82-1	1,2,4-Trichlorobenzene	714	U
87-68-3	Hexachlorobutadiene	1070	U
91-20-3	Naphthalene	3500	
87-61-6	1,2,3-Trichlorobenzene	714	U
1634-04-4	MTBE	714	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D115

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745106 Lab File ID: 45106.D

Sample wt/vol: 1.23 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1340

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	813	U
74-87-3	Chloromethane	813	U
75-01-4	Vinyl chloride	813	U
74-83-9	Bromomethane	813	U
75-00-3	Chloroethane	2030	U
75-69-4	Trichlorofluoromethane	813	U
75-35-4	1,1-Dichloroethene	813	U
107-02-8	Acrolein	10200	U
74-88-4	Methyl iodide	813	U
75-15-0	Carbon disulfide	813	U
75-09-2	Methylene chloride	2030	U
156-60-5	trans-1,2-Dichloroethene	813	U
107-13-1	Acrylonitrile	2030	U
75-34-3	1,1-Dichloroethane	813	U
67-64-1	Acetone	4060	U
594-20-7	2,2-Dichloropropane	813	U
156-59-2	cis-1,2-Dichloroethene	813	U
74-97-5	Bromochloromethane	813	U
78-93-3	2-Butanone	4060	U
67-66-3	Chloroform	813	U
71-55-6	1,1,1-Trichloroethane	813	U
56-23-5	Carbon tetrachloride	813	U
563-58-6	1,1-Dichloropropene	813	U
71-43-2	Benzene	813	U
107-06-2	1,2-Dichloroethane	813	U
79-01-6	Trichloroethene	813	U
108-05-4	Vinyl acetate	1630	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D115

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745106 Lab File ID: 45106.D

Sample wt/vol: 1.23 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1340

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	813	U
74-95-3	Dibromomethane	813	U
75-27-4	Bromodichloromethane	813	U
10061-01-5	cis-1,3-Dichloropropene	813	U
108-10-1	4-Methyl-2-pentanone	1630	U
108-88-3	Toluene	315	J
10061-02-6	trans-1,3-Dichloropropene	813	U
79-00-5	1,1,2-Trichloroethane	813	U
127-18-4	Tetrachloroethene	2030	U
142-28-9	1,3-Dichloropropane	813	U
591-78-6	2-Hexanone	1630	U
124-48-1	Dibromochloromethane	813	U
106-93-4	1,2-Dibromoethane(EDB)	813	U
108-90-7	Chlorobenzene	813	U
630-20-6	1,1,1,2-Tetrachloroethane	813	U
100-41-4	Ethylbenzene	813	U
511-39-00	p,m-Xylene	529	J
95-47-6	o-Xylene	813	U
100-42-5	Styrene	813	U
75-25-2	Bromoform	2030	U
98-82-8	Isopropylbenzene (Cumene)	813	U
108-86-1	Bromobenzene	813	U
79-34-5	1,1,2,2-Tetrachloroethane	813	U
96-18-4	1,2,3-Trichloropropane	813	U
103-65-1	n-Propylbenzene	813	U
95-49-8	2-Chlorotoluene	813	U
106-43-4	4-Chlorotoluene	813	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D115

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745106 Lab File ID: 45106.D

Sample wt/vol: 1.23 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1340

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	813	U
98-06-6	tert-Butylbenzene	813	U
95-63-6	1,2,4-Trimethylbenzene	813	U
135-98-8	sec-Butylbenzene	813	U
541-73-1	1,3-Dichlorobenzene	813	U
106-46-7	1,4-Dichlorobenzene	813	U
99-87-6	4-Isopropyltoluene	813	U
104-51-8	n-Butylbenzene	813	U
95-50-1	1,2-Dichlorobenzene	813	U
96-12-8	1,2-Dibromo-3-chloropropane	4060	U
120-82-1	1,2,4-Trichlorobenzene	813	U
87-68-3	Hexachlorobutadiene	1220	U
91-20-3	Naphthalene	3250	
87-61-6	1,2,3-Trichlorobenzene	813	U
1634-04-4	MTBE	813	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D123

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745107 Lab File ID: 45107.D

Sample wt/vol: 1.21 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1627

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	826	U
74-87-3	Chloromethane	826	U
75-01-4	Vinyl chloride	826	U
74-83-9	Bromomethane	826	U
75-00-3	Chloroethane	2070	U
75-69-4	Trichlorofluoromethane	826	U
75-35-4	1,1-Dichloroethene	826	U
107-02-8	Acrolein	10300	U
74-88-4	Methyl iodide	826	U
75-15-0	Carbon disulfide	826	U
75-09-2	Methylene chloride	469	J
156-60-5	trans-1,2-Dichloroethene	826	U
107-13-1	Acrylonitrile	2070	U
75-34-3	1,1-Dichloroethane	826	U
67-64-1	Acetone	4130	U
594-20-7	2,2-Dichloropropane	826	U
156-59-2	cis-1,2-Dichloroethene	826	U
74-97-5	Bromochloromethane	826	U
78-93-3	2-Butanone	4000	J
67-66-3	Chloroform	826	U
71-55-6	1,1,1-Trichloroethane	826	U
56-23-5	Carbon tetrachloride	826	U
563-58-6	1,1-Dichloropropene	826	U
71-43-2	Benzene	826	U
107-06-2	1,2-Dichloroethane	826	U
79-01-6	Trichloroethene	826	U
108-05-4	Vinyl acetate	1650	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D123

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745107 Lab File ID: 45107.D

Sample wt/vol: 1.21 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1627

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	826	U
74-95-3	Dibromomethane	826	U
75-27-4	Bromodichloromethane	826	U
10061-01-5	cis-1,3-Dichloropropene	826	U
108-10-1	4-Methyl-2-pentanone	1650	U
108-88-3	Toluene	387	J
10061-02-6	trans-1,3-Dichloropropene	826	U
79-00-5	1,1,2-Trichloroethane	826	U
127-18-4	Tetrachloroethene	2070	U
142-28-9	1,3-Dichloropropane	826	U
591-78-6	2-Hexanone	1650	U
124-48-1	Dibromochloromethane	826	U
106-93-4	1,2-Dibromoethane(EDB)	826	U
108-90-7	Chlorobenzene	826	U
630-20-6	1,1,1,2-Tetrachloroethane	826	U
100-41-4	Ethylbenzene	826	U
511-39-00	p,m-Xylene	33500	
95-47-6	o-Xylene	826	U
100-42-5	Styrene	826	U
75-25-2	Bromoform	2070	U
98-82-8	Isopropylbenzene (Cumene)	826	U
108-86-1	Bromobenzene	826	U
79-34-5	1,1,2,2-Tetrachloroethane	826	U
96-18-4	1,2,3-Trichloropropane	826	U
103-65-1	n-Propylbenzene	826	U
95-49-8	2-Chlorotoluene	826	U
106-43-4	4-Chlorotoluene	826	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D123

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745107 Lab File ID: 45107.D

Sample wt/vol: 1.21 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1627

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	826	U
98-06-6	tert-Butylbenzene	826	U
95-63-6	1,2,4-Trimethylbenzene	826	U
135-98-8	sec-Butylbenzene	826	U
541-73-1	1,3-Dichlorobenzene	826	U
106-46-7	1,4-Dichlorobenzene	826	U
99-87-6	4-Isopropyltoluene	826	U
104-51-8	n-Butylbenzene	826	U
95-50-1	1,2-Dichlorobenzene	826	U
96-12-8	1,2-Dibromo-3-chloropropane	4130	U
120-82-1	1,2,4-Trichlorobenzene	826	U
87-68-3	Hexachlorobutadiene	1240	U
91-20-3	Naphthalene	385	J
87-61-6	1,2,3-Trichlorobenzene	826	U
1634-04-4	MTBE	826	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D127

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745108 Lab File ID: 45108.D

Sample wt/vol: 1.26 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1655

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	794	U
74-87-3	Chloromethane	794	U
75-01-4	Vinyl chloride	794	U
74-83-9	Bromomethane	794	U
75-00-3	Chloroethane	1980	U
75-69-4	Trichlorofluoromethane	794	U
75-35-4	1,1-Dichloroethene	794	U
107-02-8	Acrolein	9920	U
74-88-4	Methyl iodide	794	U
75-15-0	Carbon disulfide	794	U
75-09-2	Methylene chloride	1980	U
156-60-5	trans-1,2-Dichloroethene	794	U
107-13-1	Acrylonitrile	1980	U
75-34-3	1,1-Dichloroethane	794	U
67-64-1	Acetone	3970	U
594-20-7	2,2-Dichloropropane	794	U
156-59-2	cis-1,2-Dichloroethene	794	U
74-97-5	Bromochloromethane	794	U
78-93-3	2-Butanone	3970	U
67-66-3	Chloroform	794	U
71-55-6	1,1,1-Trichloroethane	794	U
56-23-5	Carbon tetrachloride	794	U
563-58-6	1,1-Dichloropropene	794	U
71-43-2	Benzene	794	U
107-06-2	1,2-Dichloroethane	794	U
79-01-6	Trichloroethene	794	U
108-05-4	Vinyl acetate	1590	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D127

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745108 Lab File ID: 45108.D

Sample wt/vol: 1.26 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1655

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	794	U
74-95-3	Dibromomethane	794	U
75-27-4	Bromodichloromethane	794	U
10061-01-5	cis-1,3-Dichloropropene	794	U
108-10-1	4-Methyl-2-pentanone	1590	U
108-88-3	Toluene	794	U
10061-02-6	trans-1,3-Dichloropropene	794	U
79-00-5	1,1,2-Trichloroethane	794	U
127-18-4	Tetrachloroethene	1980	U
142-28-9	1,3-Dichloropropane	794	U
591-78-6	2-Hexanone	1590	U
124-48-1	Dibromochloromethane	794	U
106-93-4	1,2-Dibromoethane(EDB)	794	U
108-90-7	Chlorobenzene	794	U
630-20-6	1,1,1,2-Tetrachloroethane	794	U
100-41-4	Ethylbenzene	794	U
511-39-00	p,m-Xylene	1590	U
95-47-6	o-Xylene	794	U
100-42-5	Styrene	794	U
75-25-2	Bromoform	1980	U
98-82-8	Isopropylbenzene (Cumene)	794	U
108-86-1	Bromobenzene	794	U
79-34-5	1,1,2,2-Tetrachloroethane	794	U
96-18-4	1,2,3-Trichloropropane	794	U
103-65-1	n-Propylbenzene	794	U
95-49-8	2-Chlorotoluene	794	U
106-43-4	4-Chlorotoluene	794	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D127

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745108 Lab File ID: 45108.D

Sample wt/vol: 1.26 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1655

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	794	U
98-06-6	tert-Butylbenzene	794	U
95-63-6	1,2,4-Trimethylbenzene	794	U
135-98-8	sec-Butylbenzene	794	U
541-73-1	1,3-Dichlorobenzene	794	U
106-46-7	1,4-Dichlorobenzene	794	U
99-87-6	4-Isopropyltoluene	794	U
104-51-8	n-Butylbenzene	794	U
95-50-1	1,2-Dichlorobenzene	794	U
96-12-8	1,2-Dibromo-3-chloropropane	3970	U
120-82-1	1,2,4-Trichlorobenzene	794	U
87-68-3	Hexachlorobutadiene	1190	U
91-20-3	Naphthalene	794	U
87-61-6	1,2,3-Trichlorobenzene	794	U
1634-04-4	MTBE	794	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D117

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745109 Lab File ID: 45109.D

Sample wt/vol: 1.34 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1722

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	746	U
74-87-3	Chloromethane	746	U
75-01-4	Vinyl chloride	746	U
74-83-9	Bromomethane	746	U
75-00-3	Chloroethane	1860	U
75-69-4	Trichlorofluoromethane	746	U
75-35-4	1,1-Dichloroethene	746	U
107-02-8	Acrolein	9330	U
74-88-4	Methyl iodide	746	U
75-15-0	Carbon disulfide	746	U
75-09-2	Methylene chloride	1860	U
156-60-5	trans-1,2-Dichloroethene	746	U
107-13-1	Acrylonitrile	1860	U
75-34-3	1,1-Dichloroethane	746	U
67-64-1	Acetone	1790	J
594-20-7	2,2-Dichloropropane	746	U
156-59-2	cis-1,2-Dichloroethene	746	U
74-97-5	Bromochloromethane	746	U
78-93-3	2-Butanone	3730	U
67-66-3	Chloroform	746	U
71-55-6	1,1,1-Trichloroethane	746	U
56-23-5	Carbon tetrachloride	746	U
563-58-6	1,1-Dichloropropene	746	U
71-43-2	Benzene	746	U
107-06-2	1,2-Dichloroethane	746	U
79-01-6	Trichloroethene	746	U
108-05-4	Vinyl acetate	1490	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D117

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745109 Lab File ID: 45109.D

Sample wt/vol: 1.34 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1722

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	746	U
74-95-3	Dibromomethane	746	U
75-27-4	Bromodichloromethane	746	U
10061-01-5	cis-1,3-Dichloropropene	746	U
108-10-1	4-Methyl-2-pentanone	1490	U
108-88-3	Toluene	746	U
10061-02-6	trans-1,3-Dichloropropene	746	U
79-00-5	1,1,2-Trichloroethane	746	U
127-18-4	Tetrachloroethene	1860	U
142-28-9	1,3-Dichloropropane	746	U
591-78-6	2-Hexanone	1490	U
124-48-1	Dibromochloromethane	746	U
106-93-4	1,2-Dibromoethane(EDB)	746	U
108-90-7	Chlorobenzene	746	U
630-20-6	1,1,1,2-Tetrachloroethane	746	U
100-41-4	Ethylbenzene	746	U
511-39-00	p,m-Xylene	1490	U
95-47-6	o-Xylene	746	U
100-42-5	Styrene	746	U
75-25-2	Bromoform	1860	U
98-82-8	Isopropylbenzene (Cumene)	746	U
108-86-1	Bromobenzene	746	U
79-34-5	1,1,2,2-Tetrachloroethane	746	U
96-18-4	1,2,3-Trichloropropane	746	U
103-65-1	n-Propylbenzene	746	U
95-49-8	2-Chlorotoluene	746	U
106-43-4	4-Chlorotoluene	746	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D117

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745109 Lab File ID: 45109.D

Sample wt/vol: 1.34 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1722

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	746	U
98-06-6	tert-Butylbenzene	746	U
95-63-6	1,2,4-Trimethylbenzene	746	U
135-98-8	sec-Butylbenzene	746	U
541-73-1	1,3-Dichlorobenzene	746	U
106-46-7	1,4-Dichlorobenzene	746	U
99-87-6	4-Isopropyltoluene	746	U
104-51-8	n-Butylbenzene	746	U
95-50-1	1,2-Dichlorobenzene	746	U
96-12-8	1,2-Dibromo-3-chloropropane	3730	U
120-82-1	1,2,4-Trichlorobenzene	746	U
87-68-3	Hexachlorobutadiene	1120	U
91-20-3	Naphthalene	746	U
87-61-6	1,2,3-Trichlorobenzene	746	U
1634-04-4	MTBE	746	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D138

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745110 Lab File ID: 45110.D

Sample wt/vol: 1.31 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1408

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	763	U
74-87-3	Chloromethane	763	U
75-01-4	Vinyl chloride	763	U
74-83-9	Bromomethane	763	U
75-00-3	Chloroethane	1910	U
75-69-4	Trichlorofluoromethane	763	U
75-35-4	1,1-Dichloroethene	763	U
107-02-8	Acrolein	9540	U
74-88-4	Methyl iodide	763	U
75-15-0	Carbon disulfide	763	U
75-09-2	Methylene chloride	1910	U
156-60-5	trans-1,2-Dichloroethene	763	U
107-13-1	Acrylonitrile	1910	U
75-34-3	1,1-Dichloroethane	763	U
67-64-1	Acetone	3490	J
594-20-7	2,2-Dichloropropane	763	U
156-59-2	cis-1,2-Dichloroethene	763	U
74-97-5	Bromochloromethane	763	U
78-93-3	2-Butanone	3820	U
67-66-3	Chloroform	763	U
71-55-6	1,1,1-Trichloroethane	763	U
56-23-5	Carbon tetrachloride	763	U
563-58-6	1,1-Dichloropropene	763	U
71-43-2	Benzene	763	U
107-06-2	1,2-Dichloroethane	763	U
79-01-6	Trichloroethene	763	U
108-05-4	Vinyl acetate	1530	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D138

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745110 Lab File ID: 45110.D

Sample wt/vol: 1.31 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1408

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	763	U
74-95-3	Dibromomethane	763	U
75-27-4	Bromodichloromethane	763	U
10061-01-5	cis-1,3-Dichloropropene	763	U
108-10-1	4-Methyl-2-pentanone	1530	U
108-88-3	Toluene	763	U
10061-02-6	trans-1,3-Dichloropropene	763	U
79-00-5	1,1,2-Trichloroethane	763	U
127-18-4	Tetrachloroethene	1910	U
142-28-9	1,3-Dichloropropane	763	U
591-78-6	2-Hexanone	1530	U
124-48-1	Dibromochloromethane	763	U
106-93-4	1,2-Dibromoethane(EDB)	763	U
108-90-7	Chlorobenzene	763	U
630-20-6	1,1,1,2-Tetrachloroethane	763	U
100-41-4	Ethylbenzene	763	U
511-39-00	p,m-Xylene	1530	U
95-47-6	o-Xylene	763	U
100-42-5	Styrene	763	U
75-25-2	Bromoform	1910	U
98-82-8	Isopropylbenzene (Cumene)	350	J
108-86-1	Bromobenzene	763	U
79-34-5	1,1,2,2-Tetrachloroethane	763	U
96-18-4	1,2,3-Trichloropropane	763	U
103-65-1	n-Propylbenzene	763	U
95-49-8	2-Chlorotoluene	763	U
106-43-4	4-Chlorotoluene	763	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D138

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745110 Lab File ID: 45110.D

Sample wt/vol: 1.31 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1408

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	763	U
98-06-6	tert-Butylbenzene	763	U
95-63-6	1,2,4-Trimethylbenzene	763	U
135-98-8	sec-Butylbenzene	763	U
541-73-1	1,3-Dichlorobenzene	763	U
106-46-7	1,4-Dichlorobenzene	763	U
99-87-6	4-Isopropyltoluene	763	U
104-51-8	n-Butylbenzene	763	U
95-50-1	1,2-Dichlorobenzene	763	U
96-12-8	1,2-Dibromo-3-chloropropane	3820	U
120-82-1	1,2,4-Trichlorobenzene	763	U
87-68-3	Hexachlorobutadiene	1140	U
91-20-3	Naphthalene	763	U
87-61-6	1,2,3-Trichlorobenzene	763	U
1634-04-4	MTBE	763	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D126

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745111 Lab File ID: 45111.D

Sample wt/vol: 1.23 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1750

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	813	U
74-87-3	Chloromethane	813	U
75-01-4	Vinyl chloride	813	U
74-83-9	Bromomethane	813	U
75-00-3	Chloroethane	2030	U
75-69-4	Trichlorofluoromethane	813	U
75-35-4	1,1-Dichloroethene	813	U
107-02-8	Acrolein	10200	U
74-88-4	Methyl iodide	813	U
75-15-0	Carbon disulfide	813	U
75-09-2	Methylene chloride	2030	U
156-60-5	trans-1,2-Dichloroethene	813	U
107-13-1	Acrylonitrile	2030	U
75-34-3	1,1-Dichloroethane	813	U
67-64-1	Acetone	4060	U
594-20-7	2,2-Dichloropropane	813	U
156-59-2	cis-1,2-Dichloroethene	813	U
74-97-5	Bromochloromethane	813	U
78-93-3	2-Butanone	4060	U
67-66-3	Chloroform	813	U
71-55-6	1,1,1-Trichloroethane	813	U
56-23-5	Carbon tetrachloride	813	U
563-58-6	1,1-Dichloropropene	813	U
71-43-2	Benzene	813	U
107-06-2	1,2-Dichloroethane	813	U
79-01-6	Trichloroethene	813	U
108-05-4	Vinyl acetate	1630	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D126

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745111 Lab File ID: 45111.D

Sample wt/vol: 1.23 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1750

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	813	U
74-95-3	Dibromomethane	813	U
75-27-4	Bromodichloromethane	813	U
10061-01-5	cis-1,3-Dichloropropene	813	U
108-10-1	4-Methyl-2-pentanone	1630	U
108-88-3	Toluene	813	U
10061-02-6	trans-1,3-Dichloropropene	813	U
79-00-5	1,1,2-Trichloroethane	813	U
127-18-4	Tetrachloroethene	2030	U
142-28-9	1,3-Dichloropropane	813	U
591-78-6	2-Hexanone	1630	U
124-48-1	Dibromochloromethane	813	U
106-93-4	1,2-Dibromoethane(EDB)	813	U
108-90-7	Chlorobenzene	813	U
630-20-6	1,1,1,2-Tetrachloroethane	813	U
100-41-4	Ethylbenzene	813	U
511-39-00	p,m-Xylene	5430	
95-47-6	o-Xylene	813	U
100-42-5	Styrene	813	U
75-25-2	Bromoform	2030	U
98-82-8	Isopropylbenzene (Cumene)	813	U
108-86-1	Bromobenzene	813	U
79-34-5	1,1,2,2-Tetrachloroethane	813	U
96-18-4	1,2,3-Trichloropropane	813	U
103-65-1	n-Propylbenzene	813	U
95-49-8	2-Chlorotoluene	813	U
106-43-4	4-Chlorotoluene	813	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D126

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745111 Lab File ID: 45111.D

Sample wt/vol: 1.23 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 1750

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	813	U
98-06-6	tert-Butylbenzene	813	U
95-63-6	1,2,4-Trimethylbenzene	813	U
135-98-8	sec-Butylbenzene	813	U
541-73-1	1,3-Dichlorobenzene	813	U
106-46-7	1,4-Dichlorobenzene	813	U
99-87-6	4-Isopropyltoluene	813	U
104-51-8	n-Butylbenzene	813	U
95-50-1	1,2-Dichlorobenzene	813	U
96-12-8	1,2-Dibromo-3-chloropropane	4060	U
120-82-1	1,2,4-Trichlorobenzene	813	U
87-68-3	Hexachlorobutadiene	1220	U
91-20-3	Naphthalene	813	U
87-61-6	1,2,3-Trichlorobenzene	813	U
1634-04-4	MTBE	813	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D125

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745112 Lab File ID: 45112R.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1238

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	917	U
74-87-3	Chloromethane	917	U
75-01-4	Vinyl chloride	917	U
74-83-9	Bromomethane	917	U
75-00-3	Chloroethane	2290	U
75-69-4	Trichlorofluoromethane	917	U
75-35-4	1,1-Dichloroethene	917	U
107-02-8	Acrolein	11500	U
74-88-4	Methyl iodide	917	U
75-15-0	Carbon disulfide	917	U
75-09-2	Methylene chloride	2290	U
156-60-5	trans-1,2-Dichloroethene	917	U
107-13-1	Acrylonitrile	2290	U
75-34-3	1,1-Dichloroethane	917	U
67-64-1	Acetone	4590	U
594-20-7	2,2-Dichloropropane	917	U
156-59-2	cis-1,2-Dichloroethene	917	U
74-97-5	Bromochloromethane	917	U
78-93-3	2-Butanone	4590	U
67-66-3	Chloroform	917	U
71-55-6	1,1,1-Trichloroethane	917	U
56-23-5	Carbon tetrachloride	917	U
563-58-6	1,1-Dichloropropene	917	U
71-43-2	Benzene	917	U
107-06-2	1,2-Dichloroethane	917	U
79-01-6	Trichloroethene	917	U
108-05-4	Vinyl acetate	1830	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D125

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745112 Lab File ID: 45112R.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1238

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	917	U
74-95-3	Dibromomethane	917	U
75-27-4	Bromodichloromethane	917	U
10061-01-5	cis-1,3-Dichloropropene	917	U
108-10-1	4-Methyl-2-pentanone	1830	U
108-88-3	Toluene	917	U
10061-02-6	trans-1,3-Dichloropropene	917	U
79-00-5	1,1,2-Trichloroethane	917	U
127-18-4	Tetrachloroethene	2290	U
142-28-9	1,3-Dichloropropane	917	U
591-78-6	2-Hexanone	1830	U
124-48-1	Dibromochloromethane	917	U
106-93-4	1,2-Dibromoethane(EDB)	917	U
108-90-7	Chlorobenzene	917	U
630-20-6	1,1,1,2-Tetrachloroethane	917	U
100-41-4	Ethylbenzene	917	U
511-39-00	p,m-Xylene	1830	U
95-47-6	o-Xylene	917	U
100-42-5	Styrene	917	U
75-25-2	Bromoform	2290	U
98-82-8	Isopropylbenzene (Cumene)	917	U
108-86-1	Bromobenzene	917	U
79-34-5	1,1,2,2-Tetrachloroethane	917	U
96-18-4	1,2,3-Trichloropropane	917	U
103-65-1	n-Propylbenzene	917	U
95-49-8	2-Chlorotoluene	917	U
106-43-4	4-Chlorotoluene	917	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D125

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745112 Lab File ID: 45112R.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1238

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	917	U
98-06-6	tert-Butylbenzene	917	U
95-63-6	1,2,4-Trimethylbenzene	917	U
135-98-8	sec-Butylbenzene	917	U
541-73-1	1,3-Dichlorobenzene	917	U
106-46-7	1,4-Dichlorobenzene	917	U
99-87-6	4-Isopropyltoluene	917	U
104-51-8	n-Butylbenzene	917	U
95-50-1	1,2-Dichlorobenzene	917	U
96-12-8	1,2-Dibromo-3-chloropropane	4590	U
120-82-1	1,2,4-Trichlorobenzene	917	U
87-68-3	Hexachlorobutadiene	1380	U
91-20-3	Naphthalene	917	U
87-61-6	1,2,3-Trichlorobenzene	917	U
1634-04-4	MTBE	917	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745113 Lab File ID: 45113.D

Sample wt/vol: 1.28 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 0957

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	781	U
74-87-3	Chloromethane	781	U
75-01-4	Vinyl chloride	781	U
74-83-9	Bromomethane	781	U
75-00-3	Chloroethane	1950	U
75-69-4	Trichlorofluoromethane	781	U
75-35-4	1,1-Dichloroethene	781	U
107-02-8	Acrolein	9760	U
74-88-4	Methyl iodide	781	U
75-15-0	Carbon disulfide	781	U
75-09-2	Methylene chloride	1950	U
156-60-5	trans-1,2-Dichloroethene	781	U
107-13-1	Acrylonitrile	1950	U
75-34-3	1,1-Dichloroethane	781	U
67-64-1	Acetone	3910	U
594-20-7	2,2-Dichloropropane	781	U
156-59-2	cis-1,2-Dichloroethene	781	U
74-97-5	Bromochloromethane	781	U
78-93-3	2-Butanone	3910	U
67-66-3	Chloroform	781	U
71-55-6	1,1,1-Trichloroethane	781	U
56-23-5	Carbon tetrachloride	781	U
563-58-6	1,1-Dichloropropene	781	U
71-43-2	Benzene	781	U
107-06-2	1,2-Dichloroethane	781	U
79-01-6	Trichloroethene	781	U
108-05-4	Vinyl acetate	1560	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745113 Lab File ID: 45113.D

Sample wt/vol: 1.28 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 0957

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	781	U
74-95-3	Dibromomethane	781	U
75-27-4	Bromodichloromethane	781	U
10061-01-5	cis-1,3-Dichloropropene	781	U
108-10-1	4-Methyl-2-pentanone	1560	U
108-88-3	Toluene	781	U
10061-02-6	trans-1,3-Dichloropropene	781	U
79-00-5	1,1,2-Trichloroethane	781	U
127-18-4	Tetrachloroethene	1950	U
142-28-9	1,3-Dichloropropane	781	U
591-78-6	2-Hexanone	1560	U
124-48-1	Dibromochloromethane	781	U
106-93-4	1,2-Dibromoethane(EDB)	781	U
108-90-7	Chlorobenzene	781	U
630-20-6	1,1,1,2-Tetrachloroethane	781	U
100-41-4	Ethylbenzene	781	U
511-39-00	p,m-Xylene	793	J
95-47-6	o-Xylene	781	U
100-42-5	Styrene	781	U
75-25-2	Bromoform	1950	U
98-82-8	Isopropylbenzene (Cumene)	781	U
108-86-1	Bromobenzene	781	U
79-34-5	1,1,2,2-Tetrachloroethane	781	U
96-18-4	1,2,3-Trichloropropane	781	U
103-65-1	n-Propylbenzene	781	U
95-49-8	2-Chlorotoluene	781	U
106-43-4	4-Chlorotoluene	781	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745113 Lab File ID: 45113.D

Sample wt/vol: 1.28 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 0957

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	781	U
98-06-6	tert-Butylbenzene	781	U
95-63-6	1,2,4-Trimethylbenzene	781	U
135-98-8	sec-Butylbenzene	781	U
541-73-1	1,3-Dichlorobenzene	781	U
106-46-7	1,4-Dichlorobenzene	781	U
99-87-6	4-Isopropyltoluene	781	U
104-51-8	n-Butylbenzene	781	U
95-50-1	1,2-Dichlorobenzene	781	U
96-12-8	1,2-Dibromo-3-chloropropane	3910	U
120-82-1	1,2,4-Trichlorobenzene	781	U
87-68-3	Hexachlorobutadiene	1170	U
91-20-3	Naphthalene	781	U
87-61-6	1,2,3-Trichlorobenzene	781	U
1634-04-4	MTBE	781	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745114 Lab File ID: 45114.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1024

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	862	U
74-87-3	Chloromethane	862	U
75-01-4	Vinyl chloride	862	U
74-83-9	Bromomethane	862	U
75-00-3	Chloroethane	2160	U
75-69-4	Trichlorofluoromethane	862	U
75-35-4	1,1-Dichloroethene	862	U
107-02-8	Acrolein	10800	U
74-88-4	Methyl iodide	862	U
75-15-0	Carbon disulfide	862	U
75-09-2	Methylene chloride	2160	U
156-60-5	trans-1,2-Dichloroethene	862	U
107-13-1	Acrylonitrile	2160	U
75-34-3	1,1-Dichloroethane	862	U
67-64-1	Acetone	4310	U
594-20-7	2,2-Dichloropropane	862	U
156-59-2	cis-1,2-Dichloroethene	862	U
74-97-5	Bromochloromethane	862	U
78-93-3	2-Butanone	4310	U
67-66-3	Chloroform	862	U
71-55-6	1,1,1-Trichloroethane	862	U
56-23-5	Carbon tetrachloride	862	U
563-58-6	1,1-Dichloropropene	862	U
71-43-2	Benzene	862	U
107-06-2	1,2-Dichloroethane	862	U
79-01-6	Trichloroethene	862	U
108-05-4	Vinyl acetate	1720	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745114 Lab File ID: 45114.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1024

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	862	U
74-95-3	Dibromomethane	862	U
75-27-4	Bromodichloromethane	862	U
10061-01-5	cis-1,3-Dichloropropene	862	U
108-10-1	4-Methyl-2-pentanone	1720	U
108-88-3	Toluene	862	U
10061-02-6	trans-1,3-Dichloropropene	862	U
79-00-5	1,1,2-Trichloroethane	862	U
127-18-4	Tetrachloroethene	2160	U
142-28-9	1,3-Dichloropropane	862	U
591-78-6	2-Hexanone	1720	U
124-48-1	Dibromochloromethane	862	U
106-93-4	1,2-Dibromoethane(EDB)	862	U
108-90-7	Chlorobenzene	862	U
630-20-6	1,1,1,2-Tetrachloroethane	862	U
100-41-4	Ethylbenzene	862	U
511-39-00	p,m-Xylene	675	J
95-47-6	o-Xylene	862	U
100-42-5	Styrene	862	U
75-25-2	Bromoform	2160	U
98-82-8	Isopropylbenzene (Cumene)	862	U
108-86-1	Bromobenzene	862	U
79-34-5	1,1,2,2-Tetrachloroethane	862	U
96-18-4	1,2,3-Trichloropropane	862	U
103-65-1	n-Propylbenzene	862	U
95-49-8	2-Chlorotoluene	862	U
106-43-4	4-Chlorotoluene	862	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745114 Lab File ID: 45114.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1024

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	862	U
98-06-6	tert-Butylbenzene	862	U
95-63-6	1,2,4-Trimethylbenzene	862	U
135-98-8	sec-Butylbenzene	862	U
541-73-1	1,3-Dichlorobenzene	862	U
106-46-7	1,4-Dichlorobenzene	862	U
99-87-6	4-Isopropyltoluene	862	U
104-51-8	n-Butylbenzene	862	U
95-50-1	1,2-Dichlorobenzene	862	U
96-12-8	1,2-Dibromo-3-chloropropane	4310	U
120-82-1	1,2,4-Trichlorobenzene	862	U
87-68-3	Hexachlorobutadiene	1290	U
91-20-3	Naphthalene	862	U
87-61-6	1,2,3-Trichlorobenzene	862	U
1634-04-4	MTBE	862	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D120

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745115 Lab File ID: 45115.D

Sample wt/vol: 1.15 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1051

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	870	U
74-87-3	Chloromethane	870	U
75-01-4	Vinyl chloride	870	U
74-83-9	Bromomethane	870	U
75-00-3	Chloroethane	2170	U
75-69-4	Trichlorofluoromethane	870	U
75-35-4	1,1-Dichloroethene	870	U
107-02-8	Acrolein	10900	U
74-88-4	Methyl iodide	870	U
75-15-0	Carbon disulfide	870	U
75-09-2	Methylene chloride	2170	U
156-60-5	trans-1,2-Dichloroethene	870	U
107-13-1	Acrylonitrile	2170	U
75-34-3	1,1-Dichloroethane	870	U
67-64-1	Acetone	2970	J
594-20-7	2,2-Dichloropropane	870	U
156-59-2	cis-1,2-Dichloroethene	870	U
74-97-5	Bromochloromethane	870	U
78-93-3	2-Butanone	4350	U
67-66-3	Chloroform	870	U
71-55-6	1,1,1-Trichloroethane	870	U
56-23-5	Carbon tetrachloride	870	U
563-58-6	1,1-Dichloropropene	870	U
71-43-2	Benzene	870	U
107-06-2	1,2-Dichloroethane	870	U
79-01-6	Trichloroethene	870	U
108-05-4	Vinyl acetate	1740	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D120

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745115 Lab File ID: 45115.D

Sample wt/vol: 1.15 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1051

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	870	U
74-95-3	Dibromomethane	870	U
75-27-4	Bromodichloromethane	870	U
10061-01-5	cis-1,3-Dichloropropene	870	U
108-10-1	4-Methyl-2-pentanone	1740	U
108-88-3	Toluene	324	J
10061-02-6	trans-1,3-Dichloropropene	870	U
79-00-5	1,1,2-Trichloroethane	870	U
127-18-4	Tetrachloroethene	2170	U
142-28-9	1,3-Dichloropropane	870	U
591-78-6	2-Hexanone	1740	U
124-48-1	Dibromochloromethane	870	U
106-93-4	1,2-Dibromoethane(EDB)	870	U
108-90-7	Chlorobenzene	870	U
630-20-6	1,1,1,2-Tetrachloroethane	870	U
100-41-4	Ethylbenzene	870	U
511-39-00	p,m-Xylene	1740	U
95-47-6	o-Xylene	870	U
100-42-5	Styrene	870	U
75-25-2	Bromoform	2170	U
98-82-8	Isopropylbenzene (Cumene)	870	U
108-86-1	Bromobenzene	870	U
79-34-5	1,1,2,2-Tetrachloroethane	870	U
96-18-4	1,2,3-Trichloropropane	870	U
103-65-1	n-Propylbenzene	870	U
95-49-8	2-Chlorotoluene	870	U
106-43-4	4-Chlorotoluene	870	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D120

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745115 Lab File ID: 45115.D

Sample wt/vol: 1.15 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1051

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	870	U
98-06-6	tert-Butylbenzene	870	U
95-63-6	1,2,4-Trimethylbenzene	870	U
135-98-8	sec-Butylbenzene	870	U
541-73-1	1,3-Dichlorobenzene	870	U
106-46-7	1,4-Dichlorobenzene	870	U
99-87-6	4-Isopropyltoluene	870	U
104-51-8	n-Butylbenzene	870	U
95-50-1	1,2-Dichlorobenzene	870	U
96-12-8	1,2-Dibromo-3-chloropropane	4350	U
120-82-1	1,2,4-Trichlorobenzene	870	U
87-68-3	Hexachlorobutadiene	1300	U
91-20-3	Naphthalene	3250	
87-61-6	1,2,3-Trichlorobenzene	870	U
1634-04-4	MTBE	870	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745116 Lab File ID: 45116.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1117

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	709	U
74-87-3	Chloromethane	709	U
75-01-4	Vinyl chloride	709	U
74-83-9	Bromomethane	709	U
75-00-3	Chloroethane	1770	U
75-69-4	Trichlorofluoromethane	709	U
75-35-4	1,1-Dichloroethene	709	U
107-02-8	Acrolein	8860	U
74-88-4	Methyl iodide	709	U
75-15-0	Carbon disulfide	709	U
75-09-2	Methylene chloride	1770	U
156-60-5	trans-1,2-Dichloroethene	709	U
107-13-1	Acrylonitrile	1770	U
75-34-3	1,1-Dichloroethane	709	U
67-64-1	Acetone	3550	U
594-20-7	2,2-Dichloropropane	709	U
156-59-2	cis-1,2-Dichloroethene	709	U
74-97-5	Bromochloromethane	709	U
78-93-3	2-Butanone	3550	U
67-66-3	Chloroform	709	U
71-55-6	1,1,1-Trichloroethane	709	U
56-23-5	Carbon tetrachloride	709	U
563-58-6	1,1-Dichloropropene	709	U
71-43-2	Benzene	709	U
107-06-2	1,2-Dichloroethane	709	U
79-01-6	Trichloroethene	709	U
108-05-4	Vinyl acetate	1420	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745116 Lab File ID: 45116.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1117

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	709	U
74-95-3	Dibromomethane	709	U
75-27-4	Bromodichloromethane	709	U
10061-01-5	cis-1,3-Dichloropropene	709	U
108-10-1	4-Methyl-2-pentanone	1420	U
108-88-3	Toluene	709	U
10061-02-6	trans-1,3-Dichloropropene	709	U
79-00-5	1,1,2-Trichloroethane	709	U
127-18-4	Tetrachloroethene	1770	U
142-28-9	1,3-Dichloropropane	709	U
591-78-6	2-Hexanone	1420	U
124-48-1	Dibromochloromethane	709	U
106-93-4	1,2-Dibromoethane(EDB)	709	U
108-90-7	Chlorobenzene	709	U
630-20-6	1,1,1,2-Tetrachloroethane	709	U
100-41-4	Ethylbenzene	709	U
511-39-00	p,m-Xylene	1420	U
95-47-6	o-Xylene	709	U
100-42-5	Styrene	709	U
75-25-2	Bromoform	1770	U
98-82-8	Isopropylbenzene (Cumene)	709	U
108-86-1	Bromobenzene	709	U
79-34-5	1,1,2,2-Tetrachloroethane	709	U
96-18-4	1,2,3-Trichloropropane	709	U
103-65-1	n-Propylbenzene	115	J
95-49-8	2-Chlorotoluene	709	U
106-43-4	4-Chlorotoluene	709	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745116 Lab File ID: 45116.D

Sample wt/vol: 1.41 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1117

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	709	U
98-06-6	tert-Butylbenzene	709	U
95-63-6	1,2,4-Trimethylbenzene	1380	
135-98-8	sec-Butylbenzene	164	J
541-73-1	1,3-Dichlorobenzene	709	U
106-46-7	1,4-Dichlorobenzene	709	U
99-87-6	4-Isopropyltoluene	709	U
104-51-8	n-Butylbenzene	709	U
95-50-1	1,2-Dichlorobenzene	709	U
96-12-8	1,2-Dibromo-3-chloropropane	3550	U
120-82-1	1,2,4-Trichlorobenzene	709	U
87-68-3	Hexachlorobutadiene	1060	U
91-20-3	Naphthalene	1450	
87-61-6	1,2,3-Trichlorobenzene	709	U
1634-04-4	MTBE	801	

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D121

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745117 Lab File ID: 45117.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1145

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	699	U
74-87-3	Chloromethane	699	U
75-01-4	Vinyl chloride	699	U
74-83-9	Bromomethane	699	U
75-00-3	Chloroethane	1750	U
75-69-4	Trichlorofluoromethane	699	U
75-35-4	1,1-Dichloroethene	699	U
107-02-8	Acrolein	8740	U
74-88-4	Methyl iodide	699	U
75-15-0	Carbon disulfide	699	U
75-09-2	Methylene chloride	1750	U
156-60-5	trans-1,2-Dichloroethene	699	U
107-13-1	Acrylonitrile	1750	U
75-34-3	1,1-Dichloroethane	699	U
67-64-1	Acetone	3500	U
594-20-7	2,2-Dichloropropane	699	U
156-59-2	cis-1,2-Dichloroethene	699	U
74-97-5	Bromochloromethane	699	U
78-93-3	2-Butanone	3500	U
67-66-3	Chloroform	699	U
71-55-6	1,1,1-Trichloroethane	699	U
56-23-5	Carbon tetrachloride	699	U
563-58-6	1,1-Dichloropropene	699	U
71-43-2	Benzene	699	U
107-06-2	1,2-Dichloroethane	699	U
79-01-6	Trichloroethene	699	U
108-05-4	Vinyl acetate	1400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D121

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745117 Lab File ID: 45117.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1145

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	699	U
74-95-3	Dibromomethane	699	U
75-27-4	Bromodichloromethane	699	U
10061-01-5	cis-1,3-Dichloropropene	699	U
108-10-1	4-Methyl-2-pentanone	1400	U
108-88-3	Toluene	325	J
10061-02-6	trans-1,3-Dichloropropene	699	U
79-00-5	1,1,2-Trichloroethane	699	U
127-18-4	Tetrachloroethene	1750	U
142-28-9	1,3-Dichloropropane	699	U
591-78-6	2-Hexanone	1400	U
124-48-1	Dibromochloromethane	699	U
106-93-4	1,2-Dibromoethane(EDB)	699	U
108-90-7	Chlorobenzene	699	U
630-20-6	1,1,1,2-Tetrachloroethane	699	U
100-41-4	Ethylbenzene	699	U
511-39-00	p,m-Xylene	596	J
95-47-6	o-Xylene	699	U
100-42-5	Styrene	699	U
75-25-2	Bromoform	1750	U
98-82-8	Isopropylbenzene (Cumene)	699	U
108-86-1	Bromobenzene	699	U
79-34-5	1,1,2,2-Tetrachloroethane	699	U
96-18-4	1,2,3-Trichloropropane	699	U
103-65-1	n-Propylbenzene	699	U
95-49-8	2-Chlorotoluene	699	U
106-43-4	4-Chlorotoluene	699	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D121

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745117 Lab File ID: 45117.D

Sample wt/vol: 1.43 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1145

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	699	U
98-06-6	tert-Butylbenzene	699	U
95-63-6	1,2,4-Trimethylbenzene	699	U
135-98-8	sec-Butylbenzene	699	U
541-73-1	1,3-Dichlorobenzene	699	U
106-46-7	1,4-Dichlorobenzene	699	U
99-87-6	4-Isopropyltoluene	699	U
104-51-8	n-Butylbenzene	699	U
95-50-1	1,2-Dichlorobenzene	699	U
96-12-8	1,2-Dibromo-3-chloropropane	3500	U
120-82-1	1,2,4-Trichlorobenzene	699	U
87-68-3	Hexachlorobutadiene	1050	U
91-20-3	Naphthalene	3590	
87-61-6	1,2,3-Trichlorobenzene	699	U
1634-04-4	MTBE	699	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118 Lab File ID: 45118.D

Sample wt/vol: 0.77 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1306

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	1680	
75-01-4	Vinyl chloride	1300	U
74-83-9	Bromomethane	1300	U
75-00-3	Chloroethane	3250	U
75-69-4	Trichlorofluoromethane	1300	U
75-35-4	1,1-Dichloroethene	1300	U
107-02-8	Acrolein	16200	U
74-88-4	Methyl iodide	1300	U
75-15-0	Carbon disulfide	1300	U
75-09-2	Methylene chloride	3250	U
156-60-5	trans-1,2-Dichloroethene	1300	U
107-13-1	Acrylonitrile	3250	U
75-34-3	1,1-Dichloroethane	1300	U
67-64-1	Acetone	6490	U
594-20-7	2,2-Dichloropropane	1300	U
156-59-2	cis-1,2-Dichloroethene	1300	U
74-97-5	Bromochloromethane	1300	U
78-93-3	2-Butanone	2990	J
67-66-3	Chloroform	1300	U
71-55-6	1,1,1-Trichloroethane	1300	U
56-23-5	Carbon tetrachloride	1300	U
563-58-6	1,1-Dichloropropene	1300	U
71-43-2	Benzene	25400	
107-06-2	1,2-Dichloroethane	1300	U
79-01-6	Trichloroethene	1300	U
108-05-4	Vinyl acetate	2600	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118 Lab File ID: 45118.D

Sample wt/vol: 0.77 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1306

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1300	U
74-95-3	Dibromomethane	1300	U
75-27-4	Bromodichloromethane	1300	U
10061-01-5	cis-1,3-Dichloropropene	1300	U
108-10-1	4-Methyl-2-pentanone	1300	J
108-88-3	Toluene	60200	E
10061-02-6	trans-1,3-Dichloropropene	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
127-18-4	Tetrachloroethene	3250	U
142-28-9	1,3-Dichloropropane	1300	U
591-78-6	2-Hexanone	2600	U
124-48-1	Dibromochloromethane	1300	U
106-93-4	1,2-Dibromoethane(EDB)	1300	U
108-90-7	Chlorobenzene	1300	U
630-20-6	1,1,1,2-Tetrachloroethane	1300	U
100-41-4	Ethylbenzene	22800	
511-39-00	p,m-Xylene	46500	
95-47-6	o-Xylene	20100	
100-42-5	Styrene	1740	
75-25-2	Bromoform	3250	U
98-82-8	Isopropylbenzene (Cumene)	2180	
108-86-1	Bromobenzene	1300	U
79-34-5	1,1,2,2-Tetrachloroethane	1300	U
96-18-4	1,2,3-Trichloropropane	1300	U
103-65-1	n-Propylbenzene	5890	
95-49-8	2-Chlorotoluene	1300	U
106-43-4	4-Chlorotoluene	1300	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118 Lab File ID: 45118.D

Sample wt/vol: 0.77 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1306

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2600	
98-06-6	tert-Butylbenzene	1300	U
95-63-6	1,2,4-Trimethylbenzene	24700	
135-98-8	sec-Butylbenzene	838	J
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
99-87-6	4-Isopropyltoluene	3740	
104-51-8	n-Butylbenzene	6460	
95-50-1	1,2-Dichlorobenzene	1300	U
96-12-8	1,2-Dibromo-3-chloropropane	6490	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
87-68-3	Hexachlorobutadiene	1950	U
91-20-3	Naphthalene	5760	
87-61-6	1,2,3-Trichlorobenzene	1300	U
1634-04-4	MTBE	1300	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D22DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118DL1 Lab File ID: 45118D.D

Sample wt/vol: 0.77 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1740

PercentSolids: 100 decanted : Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2600	U
74-87-3	Chloromethane	1570	J
75-01-4	Vinyl chloride	2600	U
74-83-9	Bromomethane	2600	U
75-00-3	Chloroethane	6490	U
75-69-4	Trichlorofluoromethane	2600	U
75-35-4	1,1-Dichloroethene	2600	U
107-02-8	Acrolein	32500	U
74-88-4	Methyl iodide	2600	U
75-15-0	Carbon disulfide	2600	U
75-09-2	Methylene chloride	6490	U
156-60-5	trans-1,2-Dichloroethene	2600	U
107-13-1	Acrylonitrile	6490	U
75-34-3	1,1-Dichloroethane	2600	U
67-64-1	Acetone	13000	U
594-20-7	2,2-Dichloropropane	2600	U
156-59-2	cis-1,2-Dichloroethene	2600	U
74-97-5	Bromochloromethane	2600	U
78-93-3	2-Butanone	13000	U
67-66-3	Chloroform	2600	U
71-55-6	1,1,1-Trichloroethane	2600	U
56-23-5	Carbon tetrachloride	2600	U
563-58-6	1,1-Dichloropropene	2600	U
71-43-2	Benzene	26100	
107-06-2	1,2-Dichloroethane	2600	U
79-01-6	Trichloroethene	2600	U
108-05-4	Vinyl acetate	5190	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D22DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118DL1 Lab File ID: 45118D.D

Sample wt/vol: 0.77 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1740

PercentSolids: 100 decanted : Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2600	U
74-95-3	Dibromomethane	2600	U
75-27-4	Bromodichloromethane	2600	U
10061-01-5	cis-1,3-Dichloropropene	2600	U
108-10-1	4-Methyl-2-pentanone	5190	U
108-88-3	Toluene	63200	
10061-02-6	trans-1,3-Dichloropropene	2600	U
79-00-5	1,1,2-Trichloroethane	2600	U
127-18-4	Tetrachloroethene	6490	U
142-28-9	1,3-Dichloropropane	2600	U
591-78-6	2-Hexanone	5190	U
124-48-1	Dibromochloromethane	2600	U
106-93-4	1,2-Dibromoethane(EDB)	2600	U
108-90-7	Chlorobenzene	2600	U
630-20-6	1,1,1,2-Tetrachloroethane	2600	U
100-41-4	Ethylbenzene	21900	
511-39-00	p,m-Xylene	46700	
95-47-6	o-Xylene	17400	
100-42-5	Styrene	1660	J
75-25-2	Bromoform	6490	U
98-82-8	Isopropylbenzene (Cumene)	2270	J
108-86-1	Bromobenzene	2600	U
79-34-5	1,1,2,2-Tetrachloroethane	2600	U
96-18-4	1,2,3-Trichloropropane	2600	U
103-65-1	n-Propylbenzene	5990	
95-49-8	2-Chlorotoluene	2600	U
106-43-4	4-Chlorotoluene	2600	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D22DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118DL1 Lab File ID: 45118D.D

Sample wt/vol: 0.77 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1740

PercentSolids: 100 decanted : Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	5060	
98-06-6	tert-Butylbenzene	2600	U
95-63-6	1,2,4-Trimethylbenzene	24800	
135-98-8	sec-Butylbenzene	2600	U
541-73-1	1,3-Dichlorobenzene	2600	U
106-46-7	1,4-Dichlorobenzene	2600	U
99-87-6	4-Isopropyltoluene	3750	
104-51-8	n-Butylbenzene	7500	
95-50-1	1,2-Dichlorobenzene	2600	U
96-12-8	1,2-Dibromo-3-chloropropane	13000	U
120-82-1	1,2,4-Trichlorobenzene	2600	U
87-68-3	Hexachlorobutadiene	3900	U
91-20-3	Naphthalene	6210	
87-61-6	1,2,3-Trichlorobenzene	2600	U
1634-04-4	MTBE	2600	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D122

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745119 Lab File ID: 45119.D

Sample wt/vol: 1.47 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1211

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	680	U
74-87-3	Chloromethane	680	U
75-01-4	Vinyl chloride	680	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1700	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	680	U
107-02-8	Acrolein	8500	U
74-88-4	Methyl iodide	680	U
75-15-0	Carbon disulfide	680	U
75-09-2	Methylene chloride	1700	U
156-60-5	trans-1,2-Dichloroethene	680	U
107-13-1	Acrylonitrile	1700	U
75-34-3	1,1-Dichloroethane	680	U
67-64-1	Acetone	3400	U
594-20-7	2,2-Dichloropropane	680	U
156-59-2	cis-1,2-Dichloroethene	680	U
74-97-5	Bromochloromethane	680	U
78-93-3	2-Butanone	3400	U
67-66-3	Chloroform	680	U
71-55-6	1,1,1-Trichloroethane	680	U
56-23-5	Carbon tetrachloride	680	U
563-58-6	1,1-Dichloropropene	680	U
71-43-2	Benzene	680	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	680	U
108-05-4	Vinyl acetate	1360	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D122

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745119 Lab File ID: 45119.D

Sample wt/vol: 1.47 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1211

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	680	U
74-95-3	Dibromomethane	680	U
75-27-4	Bromodichloromethane	680	U
10061-01-5	cis-1,3-Dichloropropene	680	U
108-10-1	4-Methyl-2-pentanone	1360	U
108-88-3	Toluene	680	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	1700	U
142-28-9	1,3-Dichloropropane	680	U
591-78-6	2-Hexanone	1360	U
124-48-1	Dibromochloromethane	680	U
106-93-4	1,2-Dibromoethane(EDB)	680	U
108-90-7	Chlorobenzene	680	U
630-20-6	1,1,1,2-Tetrachloroethane	680	U
100-41-4	Ethylbenzene	680	U
511-39-00	p,m-Xylene	1130	J
95-47-6	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	1700	U
98-82-8	Isopropylbenzene (Cumene)	680	U
108-86-1	Bromobenzene	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U
96-18-4	1,2,3-Trichloropropane	680	U
103-65-1	n-Propylbenzene	680	U
95-49-8	2-Chlorotoluene	680	U
106-43-4	4-Chlorotoluene	680	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D122

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745119 Lab File ID: 45119.D

Sample wt/vol: 1.47 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 1211

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	680	U
98-06-6	tert-Butylbenzene	680	U
95-63-6	1,2,4-Trimethylbenzene	680	U
135-98-8	sec-Butylbenzene	680	U
541-73-1	1,3-Dichlorobenzene	680	U
106-46-7	1,4-Dichlorobenzene	680	U
99-87-6	4-Isopropyltoluene	680	U
104-51-8	n-Butylbenzene	680	U
95-50-1	1,2-Dichlorobenzene	680	U
96-12-8	1,2-Dibromo-3-chloropropane	3400	U
120-82-1	1,2,4-Trichlorobenzene	680	U
87-68-3	Hexachlorobutadiene	1020	U
91-20-3	Naphthalene	680	U
87-61-6	1,2,3-Trichlorobenzene	680	U
1634-04-4	MTBE	680	U

QC Summary

070907 1456

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082707BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 082707BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 0926

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082707BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 082707BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 0926

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082707BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 082707BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/27/07 Time: 0926

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082807BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 082807BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 0931

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082807BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 082807BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 0931

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082807BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 082807BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/28/07 Time: 0931

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082707LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1950	97.5		30.0	45 - 128
Chloromethane	2000	1720	86.0		30.0	70 - 130
Vinyl chloride	2000	1680	84.0		30.0	70 - 130
Bromomethane	2000	2220	111.0		30.0	39 - 148
Chloroethane	2000	2130	106.0		30.0	55 - 139
Trichlorofluoromethane	2000	2110	106.0		30.0	70 - 130
1,1-Dichloroethene	2000	1930	96.5		30.0	70 - 130
Acrolein	6000	6460	108.0		30.0	69 - 130
Methyl iodide	2000	2190	110.0		30.0	55 - 133
Carbon disulfide	2000	2160	108.0		30.0	65 - 130
Methylene chloride	2000	2020	101.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2020	101.0		30.0	70 - 130
Acrylonitrile	6000	6280	105.0		30.0	70 - 130
1,1-Dichloroethane	2000	1970	98.5		30.0	70 - 130
Acetone	6000	5620	93.7		30.0	58 - 133
2,2-Dichloropropane	2000	2250	112.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2020	101.0		30.0	70 - 130
Bromochloromethane	2000	2060	103.0		30.0	70 - 130
2-Butanone	6000	5800	96.7		30.0	70 - 130
Chloroform	2000	1930	96.5		30.0	70 - 130
1,1,1-Trichloroethane	2000	2020	101.0		30.0	70 - 130
Carbon tetrachloride	2000	2240	112.0		30.0	70 - 130
1,1-Dichloropropene	2000	1970	98.5		30.0	70 - 130
Benzene	2000	1970	98.5		30.0	70 - 130
1,2-Dichloroethane	2000	2000	100.0		30.0	70 - 130
Trichloroethene	2000	2110	106.0		30.0	70 - 130
Vinyl acetate	2000	2080	104.0		30.0	70 - 130
1,2-Dichloropropane	2000	2070	104.0		30.0	70 - 130
Dibromomethane	2000	1950	97.5		30.0	70 - 130
Bromodichloromethane	2000	1990	99.5		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2080	104.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6020	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

070907 1456

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082707LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2080	104.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2100	105.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2040	102.0		30.0	70 - 130
Tetrachloroethene	2000	2070	104.0		30.0	70 - 130
1,3-Dichloropropane	2000	1950	97.5		30.0	70 - 130
2-Hexanone	6000	5980	99.7		30.0	70 - 130
Dibromochloromethane	2000	1840	92.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2020	101.0		30.0	70 - 130
Chlorobenzene	2000	1960	98.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1850	92.5		30.0	70 - 130
Ethylbenzene	2000	2100	105.0		30.0	70 - 130
p,m-Xylene	4000	3980	99.5		30.0	70 - 130
o-Xylene	2000	1900	95.0		30.0	70 - 130
Styrene	2000	1950	97.5		30.0	70 - 130
Bromoform	2000	1990	99.5		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1990	99.5		30.0	70 - 130
Bromobenzene	2000	2090	104.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1900	95.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	1840	92.0		30.0	70 - 130
n-Propylbenzene	2000	1940	97.0		30.0	70 - 130
2-Chlorotoluene	2000	1840	92.0		30.0	70 - 130
4-Chlorotoluene	2000	1950	97.5		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1920	96.0		30.0	70 - 130
tert-Butylbenzene	2000	2040	102.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1980	99.0		30.0	70 - 130
sec-Butylbenzene	2000	1980	99.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	1930	96.5		30.0	70 - 130
1,4-Dichlorobenzene	2000	1850	92.5		30.0	70 - 130
4-Isopropyltoluene	2000	1960	98.0		30.0	70 - 130
n-Butylbenzene	2000	1970	98.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	1880	94.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2040	102.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

070907 1456

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082707LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1990	99.5		30.0	65 - 130
Hexachlorobutadiene	2000	2470	124.0		30.0	70 - 130
Naphthalene	2000	1950	97.5		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2050	102.0		30.0	70 - 130
MTBE	2000	2110	106.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

070907 1456

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082807LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1960	98.0		30.0	45 - 128
Chloromethane	2000	1550	77.5		30.0	70 - 130
Vinyl chloride	2000	1620	81.0		30.0	70 - 130
Bromomethane	2000	2620	131.0		30.0	39 - 148
Chloroethane	2000	1830	91.5		30.0	55 - 139
Trichlorofluoromethane	2000	1920	96.0		30.0	70 - 130
1,1-Dichloroethene	2000	1900	95.0		30.0	70 - 130
Acrolein	6000	5680	94.7		30.0	69 - 130
Methyl iodide	2000	2220	111.0		30.0	55 - 133
Carbon disulfide	2000	2110	106.0		30.0	65 - 130
Methylene chloride	2000	1970	98.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	1960	98.0		30.0	70 - 130
Acrylonitrile	6000	5550	92.5		30.0	70 - 130
1,1-Dichloroethane	2000	1890	94.5		30.0	70 - 130
Acetone	6000	5200	86.7		30.0	58 - 133
2,2-Dichloropropane	2000	2200	110.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	1800	90.0		30.0	70 - 130
Bromochloromethane	2000	1890	94.5		30.0	70 - 130
2-Butanone	6000	6390	106.0		30.0	70 - 130
Chloroform	2000	1880	94.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1940	97.0		30.0	70 - 130
Carbon tetrachloride	2000	1960	98.0		30.0	70 - 130
1,1-Dichloropropene	2000	1990	99.5		30.0	70 - 130
Benzene	2000	1890	94.5		30.0	70 - 130
1,2-Dichloroethane	2000	1970	98.5		30.0	70 - 130
Trichloroethene	2000	1960	98.0		30.0	70 - 130
Vinyl acetate	2000	1960	98.0		30.0	70 - 130
1,2-Dichloropropane	2000	1980	99.0		30.0	70 - 130
Dibromomethane	2000	1860	93.0		30.0	70 - 130
Bromodichloromethane	2000	1940	97.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2020	101.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5640	94.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

070907 1456

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 082807LCSA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: Sas No: SDG No.: 2507451

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	1960	98.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2120	106.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	1910	95.5		30.0	70 - 130
Tetrachloroethene	2000	2080	104.0		30.0	70 - 130
1,3-Dichloropropane	2000	1840	92.0		30.0	70 - 130
2-Hexanone	6000	5820	97.0		30.0	70 - 130
Dibromochloromethane	2000	1800	90.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1990	99.5		30.0	70 - 130
Chlorobenzene	2000	1840	92.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1660	83.0		30.0	70 - 130
Ethylbenzene	2000	1980	99.0		30.0	70 - 130
p,m-Xylene	4000	3780	94.5		30.0	70 - 130
o-Xylene	2000	1880	94.0		30.0	70 - 130
Styrene	2000	1900	95.0		30.0	70 - 130
Bromoform	2000	1850	92.5		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1860	93.0		30.0	70 - 130
Bromobenzene	2000	1900	95.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1800	90.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	1600	80.0		30.0	70 - 130
n-Propylbenzene	2000	1830	91.5		30.0	70 - 130
2-Chlorotoluene	2000	1770	88.5		30.0	70 - 130
4-Chlorotoluene	2000	1910	95.5		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1830	91.5		30.0	70 - 130
tert-Butylbenzene	2000	1940	97.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1820	91.0		30.0	70 - 130
sec-Butylbenzene	2000	1870	93.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1840	92.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1860	93.0		30.0	70 - 130
4-Isopropyltoluene	2000	1900	95.0		30.0	70 - 130
n-Butylbenzene	2000	1830	91.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	1830	91.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1650	82.5		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082807LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1910	95.5		30.0	65 - 130
Hexachlorobutadiene	2000	1970	98.5		30.0	70 - 130
Naphthalene	2000	1860	93.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1990	99.5		30.0	70 - 130
MTBE	2000	2150	108.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

070907 1456

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 2,6-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Nitrophenol, bis(2-ethylhexyl)phthalate, Di-n-octylphthalate.

The opening CCV for this project had Benzyl alcohol and Benzoic Acid outside of limits. Client was notified and the data is being reported as requested.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

All acceptance criteria were met with the exception of:
Sample NPP D113 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 9.9 % with criteria of (25-121).

Sample NPP D114 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 16 % with criteria of (25-121) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 143 % with criteria of (30-115), Nitrobenzene-d5 at 126 % with criteria of (23-120).

Sample NPP D115 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 11.4 % with criteria of (25-121).

Sample NPP D116 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 12.5 % with criteria of (25-121).

Sample NPP D118 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 13.3 % with criteria of (25-121).

Sample NPP D119 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 12.2 % with criteria of (25-121) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 138 % with criteria of (30-115), Nitrobenzene-d5 at 130 % with criteria of (23-120).

Sample NPP D120 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 9.8 % with criteria of (25-121).

Sample NPP D121 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 10.7 % with criteria of (25-121).

Sample NPP D138 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 4.2 % with criteria of (19-122), Phenol-d5 at 22.5 % with criteria of (24-113).

Samples coded accordingly.

The surrogate variances are directly related to matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPP D113 NPP D114 NPP D115 NPP D116 NPP D117 NPP D118 NPP D119 NPP D120 NPP D121 NPP D122 NPP D123 NPP D125 NPP D126 NPP D127 NPP D22 NPP D23 NPP D25 NPP D26

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 353LCS was analyzed with the soil samples extracted on 08/27/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106),

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

Di-n-octylphthalate at 60.8 % with criteria of (64-130), Pentachlorophenol at 34.8 % with criteria of (36-120). and the following analyte(s) were recovered above criteria: 1,4-Dichlorobenzene at 109 % with criteria of (62-105), 2-Chloronaphthalene at 109 % with criteria of (72-105), 2-Methylnaphthalene at 110 % with criteria of (72-105), Bis(2-Chloroethyl)ether at 106 % with criteria of (61-105), Dibenzofuran at 110 % with criteria of (75-105), Fluorene at 111 % with criteria of (67-110).

The recoveries are directly related to the final volume adjustment of 10 ml for the LCS to demonstrate recoveries that would be found in the samples.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
Sample NPP D113
Sample NPP D114
Sample NPP D115
Sample NPP D116
Sample NPP D117
Sample NPP D118
Sample NPP D119
Sample NPP D120
Sample NPP D121
Sample NPP D122
Sample NPP D123
Sample NPP D125
Sample NPP D126
Sample NPP D127
Sample NPP D138
Sample NPP D22
Sample NPP D23
Sample NPP D25
Sample NPP D26

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

SIGNED: **DATE:** **09/06/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Method: 8270

EPA Sample No	Lab Sample ID
NPP D113	250745101
NPP D114	250745102
NPP D118	250745103
NPP D119	250745104
NPP D116	250745105
NPP D115	250745106
NPP D123	250745107
NPP D127	250745108
NPP D117	250745109
NPP D138	250745110
NPP D126	250745111
NPP D125	250745112
NPP D25	250745113
NPP D26	250745114
NPP D120	250745115
NPP D23	250745116
NPP D121	250745117
NPP D22	250745118
NPP D122	250745119

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Sample Data

070907 1457

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D113

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745101 Lab File ID: 451-1D10.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1622

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	342000	U
62-53-3	Aniline	342000	U
111-44-4	Bis(2-Chloroethyl)ether	342000	U
108-95-2	Phenol	1710000	U
95-57-8	2-Chlorophenol	342000	U
541-73-1	1,3-Dichlorobenzene	342000	U
106-46-7	1,4-Dichlorobenzene	342000	U
95-50-1	1,2-Dichlorobenzene	342000	U
100-51-6	Benzyl alcohol	855000	U
108-60-1	2,2-Oxybis(1-chloropropane)	346000	U
95-48-7	2-Methylphenol (o-Cresol)	342000	U
67-72-1	Hexachloroethane	346000	U
621-64-7	N-Nitroso-di-n-propylamine	342000	U
106-44-5	4-Methylphenol	342000	U
98-95-3	Nitrobenzene	342000	U
78-59-1	Isophorone	342000	U
88-75-5	2-Nitrophenol	342000	U
105-67-9	2,4-Dimethylphenol	342000	U
65-85-0	Benzoic acid	1710000	U
111-91-1	Bis(2-Chloroethoxy)methane	342000	U
120-83-2	2,4-Dichlorophenol	342000	U
120-82-1	1,2,4-Trichlorobenzene	342000	U
91-20-3	Naphthalene	342000	U
106-47-8	4-Chloroaniline	342000	U
91-57-6	2-Methylnaphthalene	342000	U
87-68-3	Hexachlorobutadiene	342000	U
59-50-7	4-Chloro-3-methylphenol	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D113

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745101 Lab File ID: 451-1D10.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1622

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	342000	U
77-47-4	Hexachlorocyclopentadiene	855000	U
88-06-2	2,4,6-Trichlorophenol	342000	U
95-95-4	2,4,5-Trichlorophenol	342000	U
91-58-7	2-Chloronaphthalene	346000	U
88-74-4	2-Nitroaniline	342000	U
208-96-8	Acenaphthylene	342000	U
131-11-3	Dimethyl-phthalate	342000	U
606-20-2	2,6-Dinitrotoluene	342000	U
83-32-9	Acenaphthene	342000	U
99-09-2	3-Nitroaniline	342000	U
51-28-5	2,4-Dinitrophenol	1720000	U
132-64-9	Dibenzofuran	342000	U
121-14-2	2,4-Dinitrotoluene	342000	U
100-02-7	4-Nitrophenol	855000	U
86-73-7	Fluorene	342000	U
7005-72-3	4-Chlorophenyl-phenylether	342000	U
84-66-2	Diethylphthalate	342000	U
100-01-6	4-Nitroaniline	342000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1710000	U
86-30-6	N-Nitrosodiphenylamine	342000	U
101-55-3	4-Bromophenyl-phenylether	342000	U
118-74-1	Hexachlorobenzene	342000	U
87-86-5	Pentachlorophenol	1710000	U
85-01-8	Phenanthrene	342000	U
120-12-7	Anthracene	342000	U
84-74-2	Di-n-butylphthalate	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D113

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745101 Lab File ID: 451-1D10.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1622

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	342000	U
129-00-0	Pyrene	342000	U
92-87-5	Benzidine	859000	U
85-68-7	Butylbenzylphthalate	342000	U
91-94-1	3,3'-Dichlorobenzidine	342000	U
56-55-3	Benzo(a)anthracene	342000	U
218-01-9	Chrysene	342000	U
117-81-7	bis(2-ethylhexyl)phthalate	342000	U
117-84-0	Di-n-octylphthalate	342000	U
205-99-2	Benzo(b)fluoranthene	342000	U
207-08-9	Benzo(k)fluoranthene	342000	U
50-32-8	Benzo(a)pyrene	342000	U
193-39-5	Indeno(1,2,3-cd)pyrene	342000	U
53-70-3	Dibenz(a,h)anthracene	342000	U
191-24-2	Benzo(g,h,i)perylene	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D114

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745102 Lab File ID: 451-2D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1652

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	339000	U
62-53-3	Aniline	339000	U
111-44-4	Bis(2-Chloroethyl)ether	339000	U
108-95-2	Phenol	1700000	U
95-57-8	2-Chlorophenol	339000	U
541-73-1	1,3-Dichlorobenzene	339000	U
106-46-7	1,4-Dichlorobenzene	339000	U
95-50-1	1,2-Dichlorobenzene	339000	U
100-51-6	Benzyl alcohol	848000	U
108-60-1	2,2-Oxybis(1-chloropropane)	343000	U
95-48-7	2-Methylphenol (o-Cresol)	339000	U
67-72-1	Hexachloroethane	343000	U
621-64-7	N-Nitroso-di-n-propylamine	339000	U
106-44-5	4-Methylphenol	339000	U
98-95-3	Nitrobenzene	339000	U
78-59-1	Isophorone	339000	U
88-75-5	2-Nitrophenol	339000	U
105-67-9	2,4-Dimethylphenol	339000	U
65-85-0	Benzoic acid	1700000	U
111-91-1	Bis(2-Chloroethoxy)methane	339000	U
120-83-2	2,4-Dichlorophenol	339000	U
120-82-1	1,2,4-Trichlorobenzene	339000	U
91-20-3	Naphthalene	339000	U
106-47-8	4-Chloroaniline	339000	U
91-57-6	2-Methylnaphthalene	339000	U
87-68-3	Hexachlorobutadiene	339000	U
59-50-7	4-Chloro-3-methylphenol	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D114

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745102 Lab File ID: 451-2D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1652

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	339000	U
77-47-4	Hexachlorocyclopentadiene	848000	U
88-06-2	2,4,6-Trichlorophenol	339000	U
95-95-4	2,4,5-Trichlorophenol	339000	U
91-58-7	2-Chloronaphthalene	343000	U
88-74-4	2-Nitroaniline	339000	U
208-96-8	Acenaphthylene	339000	U
131-11-3	Dimethyl-phthalate	339000	U
606-20-2	2,6-Dinitrotoluene	339000	U
83-32-9	Acenaphthene	339000	U
99-09-2	3-Nitroaniline	339000	U
51-28-5	2,4-Dinitrophenol	1700000	U
132-64-9	Dibenzofuran	339000	U
121-14-2	2,4-Dinitrotoluene	339000	U
100-02-7	4-Nitrophenol	848000	U
86-73-7	Fluorene	339000	U
7005-72-3	4-Chlorophenyl-phenylether	339000	U
84-66-2	Diethylphthalate	339000	U
100-01-6	4-Nitroaniline	339000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1700000	U
86-30-6	N-Nitrosodiphenylamine	339000	U
101-55-3	4-Bromophenyl-phenylether	339000	U
118-74-1	Hexachlorobenzene	339000	U
87-86-5	Pentachlorophenol	1700000	U
85-01-8	Phenanthrene	339000	U
120-12-7	Anthracene	339000	U
84-74-2	Di-n-butylphthalate	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D114

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745102 Lab File ID: 451-2D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1652

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	339000	U
129-00-0	Pyrene	339000	U
92-87-5	Benzidine	852000	U
85-68-7	Butylbenzylphthalate	339000	U
91-94-1	3,3'-Dichlorobenzidine	339000	U
56-55-3	Benzo(a)anthracene	339000	U
218-01-9	Chrysene	339000	U
117-81-7	bis(2-ethylhexyl)phthalate	339000	U
117-84-0	Di-n-octylphthalate	339000	U
205-99-2	Benzo(b)fluoranthene	339000	U
207-08-9	Benzo(k)fluoranthene	339000	U
50-32-8	Benzo(a)pyrene	339000	U
193-39-5	Indeno(1,2,3-cd)pyrene	339000	U
53-70-3	Dibenz(a,h)anthracene	339000	U
191-24-2	Benzo(g,h,i)perylene	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D118

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745103 Lab File ID: 451-3D10.D

Sample wt/vol: 1.06 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1723

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	378000	U
62-53-3	Aniline	378000	U
111-44-4	Bis(2-Chloroethyl)ether	378000	U
108-95-2	Phenol	1890000	U
95-57-8	2-Chlorophenol	378000	U
541-73-1	1,3-Dichlorobenzene	378000	U
106-46-7	1,4-Dichlorobenzene	378000	U
95-50-1	1,2-Dichlorobenzene	378000	U
100-51-6	Benzyl alcohol	944000	U
108-60-1	2,2-Oxybis(1-chloropropane)	382000	U
95-48-7	2-Methylphenol (o-Cresol)	378000	U
67-72-1	Hexachloroethane	382000	U
621-64-7	N-Nitroso-di-n-propylamine	378000	U
106-44-5	4-Methylphenol	378000	U
98-95-3	Nitrobenzene	378000	U
78-59-1	Isophorone	378000	U
88-75-5	2-Nitrophenol	378000	U
105-67-9	2,4-Dimethylphenol	378000	U
65-85-0	Benzoic acid	1890000	U
111-91-1	Bis(2-Chloroethoxy)methane	378000	U
120-83-2	2,4-Dichlorophenol	378000	U
120-82-1	1,2,4-Trichlorobenzene	378000	U
91-20-3	Naphthalene	378000	U
106-47-8	4-Chloroaniline	378000	U
91-57-6	2-Methylnaphthalene	378000	U
87-68-3	Hexachlorobutadiene	378000	U
59-50-7	4-Chloro-3-methylphenol	378000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D118

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745103 Lab File ID: 451-3D10.D

Sample wt/vol: 1.06 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1723

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	378000	U
77-47-4	Hexachlorocyclopentadiene	944000	U
88-06-2	2,4,6-Trichlorophenol	378000	U
95-95-4	2,4,5-Trichlorophenol	378000	U
91-58-7	2-Chloronaphthalene	382000	U
88-74-4	2-Nitroaniline	378000	U
208-96-8	Acenaphthylene	378000	U
131-11-3	Dimethyl-phthalate	378000	U
606-20-2	2,6-Dinitrotoluene	378000	U
83-32-9	Acenaphthene	378000	U
99-09-2	3-Nitroaniline	378000	U
51-28-5	2,4-Dinitrophenol	1900000	U
132-64-9	Dibenzofuran	378000	U
121-14-2	2,4-Dinitrotoluene	378000	U
100-02-7	4-Nitrophenol	944000	U
86-73-7	Fluorene	378000	U
7005-72-3	4-Chlorophenyl-phenylether	378000	U
84-66-2	Diethylphthalate	378000	U
100-01-6	4-Nitroaniline	378000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1890000	U
86-30-6	N-Nitrosodiphenylamine	378000	U
101-55-3	4-Bromophenyl-phenylether	378000	U
118-74-1	Hexachlorobenzene	378000	U
87-86-5	Pentachlorophenol	1890000	U
85-01-8	Phenanthrene	378000	U
120-12-7	Anthracene	378000	U
84-74-2	Di-n-butylphthalate	378000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D118

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745103 Lab File ID: 451-3D10.D

Sample wt/vol: 1.06 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1723

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	378000	U
129-00-0	Pyrene	378000	U
92-87-5	Benzidine	948000	U
85-68-7	Butylbenzylphthalate	378000	U
91-94-1	3,3'-Dichlorobenzidine	378000	U
56-55-3	Benzo(a)anthracene	378000	U
218-01-9	Chrysene	378000	U
117-81-7	bis(2-ethylhexyl)phthalate	378000	U
117-84-0	Di-n-octylphthalate	378000	U
205-99-2	Benzo(b)fluoranthene	378000	U
207-08-9	Benzo(k)fluoranthene	378000	U
50-32-8	Benzo(a)pyrene	378000	U
193-39-5	Indeno(1,2,3-cd)pyrene	378000	U
53-70-3	Dibenz(a,h)anthracene	378000	U
191-24-2	Benzo(g,h,i)perylene	378000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D119

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745104 Lab File ID: 451-4D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1753

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	345000	U
62-53-3	Aniline	345000	U
111-44-4	Bis(2-Chloroethyl)ether	345000	U
108-95-2	Phenol	1720000	U
95-57-8	2-Chlorophenol	345000	U
541-73-1	1,3-Dichlorobenzene	345000	U
106-46-7	1,4-Dichlorobenzene	345000	U
95-50-1	1,2-Dichlorobenzene	345000	U
100-51-6	Benzyl alcohol	862000	U
108-60-1	2,2-Oxybis(1-chloropropane)	349000	U
95-48-7	2-Methylphenol (o-Cresol)	345000	U
67-72-1	Hexachloroethane	349000	U
621-64-7	N-Nitroso-di-n-propylamine	345000	U
106-44-5	4-Methylphenol	345000	U
98-95-3	Nitrobenzene	345000	U
78-59-1	Isophorone	345000	U
88-75-5	2-Nitrophenol	345000	U
105-67-9	2,4-Dimethylphenol	345000	U
65-85-0	Benzoic acid	1720000	U
111-91-1	Bis(2-Chloroethoxy)methane	345000	U
120-83-2	2,4-Dichlorophenol	345000	U
120-82-1	1,2,4-Trichlorobenzene	345000	U
91-20-3	Naphthalene	345000	U
106-47-8	4-Chloroaniline	345000	U
91-57-6	2-Methylnaphthalene	345000	U
87-68-3	Hexachlorobutadiene	345000	U
59-50-7	4-Chloro-3-methylphenol	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D119

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745104 Lab File ID: 451-4D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1753

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	345000	U
77-47-4	Hexachlorocyclopentadiene	862000	U
88-06-2	2,4,6-Trichlorophenol	345000	U
95-95-4	2,4,5-Trichlorophenol	345000	U
91-58-7	2-Chloronaphthalene	349000	U
88-74-4	2-Nitroaniline	345000	U
208-96-8	Acenaphthylene	345000	U
131-11-3	Dimethyl-phthalate	345000	U
606-20-2	2,6-Dinitrotoluene	345000	U
83-32-9	Acenaphthene	345000	U
99-09-2	3-Nitroaniline	345000	U
51-28-5	2,4-Dinitrophenol	1730000	U
132-64-9	Dibenzofuran	345000	U
121-14-2	2,4-Dinitrotoluene	345000	U
100-02-7	4-Nitrophenol	862000	U
86-73-7	Fluorene	345000	U
7005-72-3	4-Chlorophenyl-phenylether	345000	U
84-66-2	Diethylphthalate	345000	U
100-01-6	4-Nitroaniline	345000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1720000	U
86-30-6	N-Nitrosodiphenylamine	345000	U
101-55-3	4-Bromophenyl-phenylether	345000	U
118-74-1	Hexachlorobenzene	345000	U
87-86-5	Pentachlorophenol	1720000	U
85-01-8	Phenanthrene	345000	U
120-12-7	Anthracene	345000	U
84-74-2	Di-n-butylphthalate	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D119

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745104 Lab File ID: 451-4D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1753

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	345000	U
129-00-0	Pyrene	345000	U
92-87-5	Benzidine	866000	U
85-68-7	Butylbenzylphthalate	345000	U
91-94-1	3,3'-Dichlorobenzidine	345000	U
56-55-3	Benzo(a)anthracene	345000	U
218-01-9	Chrysene	345000	U
117-81-7	bis(2-ethylhexyl)phthalate	345000	U
117-84-0	Di-n-octylphthalate	345000	U
205-99-2	Benzo(b)fluoranthene	345000	U
207-08-9	Benzo(k)fluoranthene	345000	U
50-32-8	Benzo(a)pyrene	345000	U
193-39-5	Indeno(1,2,3-cd)pyrene	345000	U
53-70-3	Dibenz(a,h)anthracene	345000	U
191-24-2	Benzo(g,h,i)perylene	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D116

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745105 Lab File ID: 451-5D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1823

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	1790000	U
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D116

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745105 Lab File ID: 451-5D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1823

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	358000	U
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D116

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745105 Lab File ID: 451-5D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1823

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D115

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745106 Lab File ID: 451-6D10.D

Sample wt/vol: 1.11 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1852

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	361000	U
62-53-3	Aniline	361000	U
111-44-4	Bis(2-Chloroethyl)ether	361000	U
108-95-2	Phenol	1800000	U
95-57-8	2-Chlorophenol	361000	U
541-73-1	1,3-Dichlorobenzene	361000	U
106-46-7	1,4-Dichlorobenzene	361000	U
95-50-1	1,2-Dichlorobenzene	361000	U
100-51-6	Benzyl alcohol	901000	U
108-60-1	2,2-Oxybis(1-chloropropane)	365000	U
95-48-7	2-Methylphenol (o-Cresol)	361000	U
67-72-1	Hexachloroethane	365000	U
621-64-7	N-Nitroso-di-n-propylamine	361000	U
106-44-5	4-Methylphenol	361000	U
98-95-3	Nitrobenzene	361000	U
78-59-1	Isophorone	361000	U
88-75-5	2-Nitrophenol	361000	U
105-67-9	2,4-Dimethylphenol	361000	U
65-85-0	Benzoic acid	1800000	U
111-91-1	Bis(2-Chloroethoxy)methane	361000	U
120-83-2	2,4-Dichlorophenol	361000	U
120-82-1	1,2,4-Trichlorobenzene	361000	U
91-20-3	Naphthalene	361000	U
106-47-8	4-Chloroaniline	361000	U
91-57-6	2-Methylnaphthalene	361000	U
87-68-3	Hexachlorobutadiene	361000	U
59-50-7	4-Chloro-3-methylphenol	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D115

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745106 Lab File ID: 451-6D10.D

Sample wt/vol: 1.11 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1852

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	361000	U
77-47-4	Hexachlorocyclopentadiene	901000	U
88-06-2	2,4,6-Trichlorophenol	361000	U
95-95-4	2,4,5-Trichlorophenol	361000	U
91-58-7	2-Chloronaphthalene	365000	U
88-74-4	2-Nitroaniline	361000	U
208-96-8	Acenaphthylene	361000	U
131-11-3	Dimethyl-phthalate	361000	U
606-20-2	2,6-Dinitrotoluene	361000	U
83-32-9	Acenaphthene	361000	U
99-09-2	3-Nitroaniline	361000	U
51-28-5	2,4-Dinitrophenol	1810000	U
132-64-9	Dibenzofuran	361000	U
121-14-2	2,4-Dinitrotoluene	361000	U
100-02-7	4-Nitrophenol	901000	U
86-73-7	Fluorene	361000	U
7005-72-3	4-Chlorophenyl-phenylether	361000	U
84-66-2	Diethylphthalate	361000	U
100-01-6	4-Nitroaniline	361000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1800000	U
86-30-6	N-Nitrosodiphenylamine	361000	U
101-55-3	4-Bromophenyl-phenylether	361000	U
118-74-1	Hexachlorobenzene	361000	U
87-86-5	Pentachlorophenol	1800000	U
85-01-8	Phenanthrene	361000	U
120-12-7	Anthracene	361000	U
84-74-2	Di-n-butylphthalate	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D115

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745106 Lab File ID: 451-6D10.D

Sample wt/vol: 1.11 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1852

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	361000	U
129-00-0	Pyrene	361000	U
92-87-5	Benzidine	905000	U
85-68-7	Butylbenzylphthalate	361000	U
91-94-1	3,3'-Dichlorobenzidine	361000	U
56-55-3	Benzo(a)anthracene	361000	U
218-01-9	Chrysene	361000	U
117-81-7	bis(2-ethylhexyl)phthalate	361000	U
117-84-0	Di-n-octylphthalate	361000	U
205-99-2	Benzo(b)fluoranthene	361000	U
207-08-9	Benzo(k)fluoranthene	361000	U
50-32-8	Benzo(a)pyrene	361000	U
193-39-5	Indeno(1,2,3-cd)pyrene	361000	U
53-70-3	Dibenz(a,h)anthracene	361000	U
191-24-2	Benzo(g,h,i)perylene	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D123

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745107 Lab File ID: 451-7D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1922

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	348000	U
62-53-3	Aniline	348000	U
111-44-4	Bis(2-Chloroethyl)ether	348000	U
108-95-2	Phenol	347000	J
95-57-8	2-Chlorophenol	348000	U
541-73-1	1,3-Dichlorobenzene	348000	U
106-46-7	1,4-Dichlorobenzene	348000	U
95-50-1	1,2-Dichlorobenzene	348000	U
100-51-6	Benzyl alcohol	870000	U
108-60-1	2,2-Oxybis(1-chloropropane)	352000	U
95-48-7	2-Methylphenol (o-Cresol)	348000	U
67-72-1	Hexachloroethane	352000	U
621-64-7	N-Nitroso-di-n-propylamine	348000	U
106-44-5	4-Methylphenol	348000	U
98-95-3	Nitrobenzene	348000	U
78-59-1	Isophorone	348000	U
88-75-5	2-Nitrophenol	348000	U
105-67-9	2,4-Dimethylphenol	348000	U
65-85-0	Benzoic acid	1740000	U
111-91-1	Bis(2-Chloroethoxy)methane	348000	U
120-83-2	2,4-Dichlorophenol	348000	U
120-82-1	1,2,4-Trichlorobenzene	348000	U
91-20-3	Naphthalene	348000	U
106-47-8	4-Chloroaniline	348000	U
91-57-6	2-Methylnaphthalene	348000	U
87-68-3	Hexachlorobutadiene	348000	U
59-50-7	4-Chloro-3-methylphenol	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D123

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745107 Lab File ID: 451-7D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1922

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	348000	U
77-47-4	Hexachlorocyclopentadiene	870000	U
88-06-2	2,4,6-Trichlorophenol	348000	U
95-95-4	2,4,5-Trichlorophenol	348000	U
91-58-7	2-Chloronaphthalene	352000	U
88-74-4	2-Nitroaniline	348000	U
208-96-8	Acenaphthylene	348000	U
131-11-3	Dimethyl-phthalate	348000	U
606-20-2	2,6-Dinitrotoluene	348000	U
83-32-9	Acenaphthene	348000	U
99-09-2	3-Nitroaniline	348000	U
51-28-5	2,4-Dinitrophenol	1750000	U
132-64-9	Dibenzofuran	348000	U
121-14-2	2,4-Dinitrotoluene	348000	U
100-02-7	4-Nitrophenol	870000	U
86-73-7	Fluorene	348000	U
7005-72-3	4-Chlorophenyl-phenylether	348000	U
84-66-2	Diethylphthalate	348000	U
100-01-6	4-Nitroaniline	348000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1740000	U
86-30-6	N-Nitrosodiphenylamine	348000	U
101-55-3	4-Bromophenyl-phenylether	348000	U
118-74-1	Hexachlorobenzene	348000	U
87-86-5	Pentachlorophenol	1740000	U
85-01-8	Phenanthrene	348000	U
120-12-7	Anthracene	348000	U
84-74-2	Di-n-butylphthalate	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D123

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745107 Lab File ID: 451-7D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1922

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	348000	U
129-00-0	Pyrene	348000	U
92-87-5	Benzidine	874000	U
85-68-7	Butylbenzylphthalate	348000	U
91-94-1	3,3'-Dichlorobenzidine	348000	U
56-55-3	Benzo(a)anthracene	348000	U
218-01-9	Chrysene	348000	U
117-81-7	bis(2-ethylhexyl)phthalate	348000	U
117-84-0	Di-n-octylphthalate	348000	U
205-99-2	Benzo(b)fluoranthene	348000	U
207-08-9	Benzo(k)fluoranthene	348000	U
50-32-8	Benzo(a)pyrene	348000	U
193-39-5	Indeno(1,2,3-cd)pyrene	348000	U
53-70-3	Dibenz(a,h)anthracene	348000	U
191-24-2	Benzo(g,h,i)perylene	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D127

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745108 Lab File ID: 451-8D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1952

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	436000	J
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D127

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745108 Lab File ID: 451-8D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1952

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D127

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745108 Lab File ID: 451-8D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1952

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D117

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745109 Lab File ID: 451-9D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2022

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	334000	U
62-53-3	Aniline	334000	U
111-44-4	Bis(2-Chloroethyl)ether	334000	U
108-95-2	Phenol	244000	J
95-57-8	2-Chlorophenol	334000	U
541-73-1	1,3-Dichlorobenzene	334000	U
106-46-7	1,4-Dichlorobenzene	334000	U
95-50-1	1,2-Dichlorobenzene	334000	U
100-51-6	Benzyl alcohol	834000	U
108-60-1	2,2-Oxybis(1-chloropropane)	338000	U
95-48-7	2-Methylphenol (o-Cresol)	334000	U
67-72-1	Hexachloroethane	338000	U
621-64-7	N-Nitroso-di-n-propylamine	334000	U
106-44-5	4-Methylphenol	334000	U
98-95-3	Nitrobenzene	334000	U
78-59-1	Isophorone	334000	U
88-75-5	2-Nitrophenol	334000	U
105-67-9	2,4-Dimethylphenol	334000	U
65-85-0	Benzoic acid	1670000	U
111-91-1	Bis(2-Chloroethoxy)methane	334000	U
120-83-2	2,4-Dichlorophenol	334000	U
120-82-1	1,2,4-Trichlorobenzene	334000	U
91-20-3	Naphthalene	334000	U
106-47-8	4-Chloroaniline	334000	U
91-57-6	2-Methylnaphthalene	334000	U
87-68-3	Hexachlorobutadiene	334000	U
59-50-7	4-Chloro-3-methylphenol	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D117

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745109 Lab File ID: 451-9D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2022

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	334000	U
77-47-4	Hexachlorocyclopentadiene	834000	U
88-06-2	2,4,6-Trichlorophenol	334000	U
95-95-4	2,4,5-Trichlorophenol	334000	U
91-58-7	2-Chloronaphthalene	338000	U
88-74-4	2-Nitroaniline	334000	U
208-96-8	Acenaphthylene	334000	U
131-11-3	Dimethyl-phthalate	334000	U
606-20-2	2,6-Dinitrotoluene	334000	U
83-32-9	Acenaphthene	334000	U
99-09-2	3-Nitroaniline	334000	U
51-28-5	2,4-Dinitrophenol	1680000	U
132-64-9	Dibenzofuran	334000	U
121-14-2	2,4-Dinitrotoluene	334000	U
100-02-7	4-Nitrophenol	834000	U
86-73-7	Fluorene	334000	U
7005-72-3	4-Chlorophenyl-phenylether	334000	U
84-66-2	Diethylphthalate	334000	U
100-01-6	4-Nitroaniline	334000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1670000	U
86-30-6	N-Nitrosodiphenylamine	334000	U
101-55-3	4-Bromophenyl-phenylether	334000	U
118-74-1	Hexachlorobenzene	334000	U
87-86-5	Pentachlorophenol	1670000	U
85-01-8	Phenanthrene	334000	U
120-12-7	Anthracene	334000	U
84-74-2	Di-n-butylphthalate	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D117

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745109 Lab File ID: 451-9D10.D

Sample wt/vol: 1.2 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2022

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	334000	U
129-00-0	Pyrene	334000	U
92-87-5	Benzidine	838000	U
85-68-7	Butylbenzylphthalate	334000	U
91-94-1	3,3'-Dichlorobenzidine	334000	U
56-55-3	Benzo(a)anthracene	334000	U
218-01-9	Chrysene	334000	U
117-81-7	bis(2-ethylhexyl)phthalate	334000	U
117-84-0	Di-n-octylphthalate	334000	U
205-99-2	Benzo(b)fluoranthene	334000	U
207-08-9	Benzo(k)fluoranthene	334000	U
50-32-8	Benzo(a)pyrene	334000	U
193-39-5	Indeno(1,2,3-cd)pyrene	334000	U
53-70-3	Dibenz(a,h)anthracene	334000	U
191-24-2	Benzo(g,h,i)perylene	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D138

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745110 Lab File ID: 451-10DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2052

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D138

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745110 Lab File ID: 451-10DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2052

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D138

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745110 Lab File ID: 451-10DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2052

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D126

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745111 Lab File ID: 451-11DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2121

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	339000	U
62-53-3	Aniline	339000	U
111-44-4	Bis(2-Chloroethyl)ether	339000	U
108-95-2	Phenol	374000	J
95-57-8	2-Chlorophenol	339000	U
541-73-1	1,3-Dichlorobenzene	339000	U
106-46-7	1,4-Dichlorobenzene	339000	U
95-50-1	1,2-Dichlorobenzene	339000	U
100-51-6	Benzyl alcohol	848000	U
108-60-1	2,2-Oxybis(1-chloropropane)	343000	U
95-48-7	2-Methylphenol (o-Cresol)	339000	U
67-72-1	Hexachloroethane	343000	U
621-64-7	N-Nitroso-di-n-propylamine	339000	U
106-44-5	4-Methylphenol	339000	U
98-95-3	Nitrobenzene	339000	U
78-59-1	Isophorone	339000	U
88-75-5	2-Nitrophenol	339000	U
105-67-9	2,4-Dimethylphenol	339000	U
65-85-0	Benzoic acid	1700000	U
111-91-1	Bis(2-Chloroethoxy)methane	339000	U
120-83-2	2,4-Dichlorophenol	339000	U
120-82-1	1,2,4-Trichlorobenzene	339000	U
91-20-3	Naphthalene	339000	U
106-47-8	4-Chloroaniline	339000	U
91-57-6	2-Methylnaphthalene	339000	U
87-68-3	Hexachlorobutadiene	339000	U
59-50-7	4-Chloro-3-methylphenol	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D126

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745111 Lab File ID: 451-11DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2121

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	339000	U
77-47-4	Hexachlorocyclopentadiene	848000	U
88-06-2	2,4,6-Trichlorophenol	339000	U
95-95-4	2,4,5-Trichlorophenol	339000	U
91-58-7	2-Chloronaphthalene	343000	U
88-74-4	2-Nitroaniline	339000	U
208-96-8	Acenaphthylene	339000	U
131-11-3	Dimethyl-phthalate	339000	U
606-20-2	2,6-Dinitrotoluene	339000	U
83-32-9	Acenaphthene	339000	U
99-09-2	3-Nitroaniline	339000	U
51-28-5	2,4-Dinitrophenol	1700000	U
132-64-9	Dibenzofuran	339000	U
121-14-2	2,4-Dinitrotoluene	339000	U
100-02-7	4-Nitrophenol	848000	U
86-73-7	Fluorene	339000	U
7005-72-3	4-Chlorophenyl-phenylether	339000	U
84-66-2	Diethylphthalate	339000	U
100-01-6	4-Nitroaniline	339000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1700000	U
86-30-6	N-Nitrosodiphenylamine	339000	U
101-55-3	4-Bromophenyl-phenylether	339000	U
118-74-1	Hexachlorobenzene	339000	U
87-86-5	Pentachlorophenol	1700000	U
85-01-8	Phenanthrene	339000	U
120-12-7	Anthracene	339000	U
84-74-2	Di-n-butylphthalate	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D126

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745111 Lab File ID: 451-11DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2121

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	339000	U
129-00-0	Pyrene	339000	U
92-87-5	Benzidine	852000	U
85-68-7	Butylbenzylphthalate	339000	U
91-94-1	3,3'-Dichlorobenzidine	339000	U
56-55-3	Benzo(a)anthracene	339000	U
218-01-9	Chrysene	339000	U
117-81-7	bis(2-ethylhexyl)phthalate	339000	U
117-84-0	Di-n-octylphthalate	339000	U
205-99-2	Benzo(b)fluoranthene	339000	U
207-08-9	Benzo(k)fluoranthene	339000	U
50-32-8	Benzo(a)pyrene	339000	U
193-39-5	Indeno(1,2,3-cd)pyrene	339000	U
53-70-3	Dibenz(a,h)anthracene	339000	U
191-24-2	Benzo(g,h,i)perylene	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D125

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745112 Lab File ID: 451-12DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2151

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	367000	U
62-53-3	Aniline	367000	U
111-44-4	Bis(2-Chloroethyl)ether	367000	U
108-95-2	Phenol	342000	J
95-57-8	2-Chlorophenol	367000	U
541-73-1	1,3-Dichlorobenzene	367000	U
106-46-7	1,4-Dichlorobenzene	367000	U
95-50-1	1,2-Dichlorobenzene	367000	U
100-51-6	Benzyl alcohol	918000	U
108-60-1	2,2-Oxybis(1-chloropropane)	372000	U
95-48-7	2-Methylphenol (o-Cresol)	367000	U
67-72-1	Hexachloroethane	372000	U
621-64-7	N-Nitroso-di-n-propylamine	367000	U
106-44-5	4-Methylphenol	367000	U
98-95-3	Nitrobenzene	367000	U
78-59-1	Isophorone	367000	U
88-75-5	2-Nitrophenol	367000	U
105-67-9	2,4-Dimethylphenol	367000	U
65-85-0	Benzoic acid	1840000	U
111-91-1	Bis(2-Chloroethoxy)methane	367000	U
120-83-2	2,4-Dichlorophenol	367000	U
120-82-1	1,2,4-Trichlorobenzene	367000	U
91-20-3	Naphthalene	367000	U
106-47-8	4-Chloroaniline	367000	U
91-57-6	2-Methylnaphthalene	367000	U
87-68-3	Hexachlorobutadiene	367000	U
59-50-7	4-Chloro-3-methylphenol	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D125

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745112 Lab File ID: 451-12DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2151

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	367000	U
77-47-4	Hexachlorocyclopentadiene	918000	U
88-06-2	2,4,6-Trichlorophenol	367000	U
95-95-4	2,4,5-Trichlorophenol	367000	U
91-58-7	2-Chloronaphthalene	372000	U
88-74-4	2-Nitroaniline	367000	U
208-96-8	Acenaphthylene	367000	U
131-11-3	Dimethyl-phthalate	367000	U
606-20-2	2,6-Dinitrotoluene	367000	U
83-32-9	Acenaphthene	367000	U
99-09-2	3-Nitroaniline	367000	U
51-28-5	2,4-Dinitrophenol	1840000	U
132-64-9	Dibenzofuran	367000	U
121-14-2	2,4-Dinitrotoluene	367000	U
100-02-7	4-Nitrophenol	918000	U
86-73-7	Fluorene	367000	U
7005-72-3	4-Chlorophenyl-phenylether	367000	U
84-66-2	Diethylphthalate	367000	U
100-01-6	4-Nitroaniline	367000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1840000	U
86-30-6	N-Nitrosodiphenylamine	367000	U
101-55-3	4-Bromophenyl-phenylether	367000	U
118-74-1	Hexachlorobenzene	367000	U
87-86-5	Pentachlorophenol	1840000	U
85-01-8	Phenanthrene	367000	U
120-12-7	Anthracene	367000	U
84-74-2	Di-n-butylphthalate	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D125

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745112 Lab File ID: 451-12DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2151

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	367000	U
129-00-0	Pyrene	367000	U
92-87-5	Benzidine	922000	U
85-68-7	Butylbenzylphthalate	367000	U
91-94-1	3,3'-Dichlorobenzidine	367000	U
56-55-3	Benzo(a)anthracene	367000	U
218-01-9	Chrysene	367000	U
117-81-7	bis(2-ethylhexyl)phthalate	367000	U
117-84-0	Di-n-octylphthalate	367000	U
205-99-2	Benzo(b)fluoranthene	367000	U
207-08-9	Benzo(k)fluoranthene	367000	U
50-32-8	Benzo(a)pyrene	367000	U
193-39-5	Indeno(1,2,3-cd)pyrene	367000	U
53-70-3	Dibenz(a,h)anthracene	367000	U
191-24-2	Benzo(g,h,i)perylene	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745113 Lab File ID: 451-13DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2221

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	110000	J
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745113 Lab File ID: 451-13DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2221

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	358000	U
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745113 Lab File ID: 451-13DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2221

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745114 Lab File ID: 451-14DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2251

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	328000	U
62-53-3	Aniline	328000	U
111-44-4	Bis(2-Chloroethyl)ether	328000	U
108-95-2	Phenol	403000	J
95-57-8	2-Chlorophenol	328000	U
541-73-1	1,3-Dichlorobenzene	328000	U
106-46-7	1,4-Dichlorobenzene	328000	U
95-50-1	1,2-Dichlorobenzene	328000	U
100-51-6	Benzyl alcohol	820000	U
108-60-1	2,2-Oxybis(1-chloropropane)	332000	U
95-48-7	2-Methylphenol (o-Cresol)	328000	U
67-72-1	Hexachloroethane	332000	U
621-64-7	N-Nitroso-di-n-propylamine	328000	U
106-44-5	4-Methylphenol	328000	U
98-95-3	Nitrobenzene	328000	U
78-59-1	Isophorone	328000	U
88-75-5	2-Nitrophenol	328000	U
105-67-9	2,4-Dimethylphenol	328000	U
65-85-0	Benzoic acid	1640000	U
111-91-1	Bis(2-Chloroethoxy)methane	328000	U
120-83-2	2,4-Dichlorophenol	328000	U
120-82-1	1,2,4-Trichlorobenzene	328000	U
91-20-3	Naphthalene	328000	U
106-47-8	4-Chloroaniline	328000	U
91-57-6	2-Methylnaphthalene	328000	U
87-68-3	Hexachlorobutadiene	328000	U
59-50-7	4-Chloro-3-methylphenol	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745114 Lab File ID: 451-14DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2251

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	328000	U
77-47-4	Hexachlorocyclopentadiene	820000	U
88-06-2	2,4,6-Trichlorophenol	328000	U
95-95-4	2,4,5-Trichlorophenol	328000	U
91-58-7	2-Chloronaphthalene	332000	U
88-74-4	2-Nitroaniline	328000	U
208-96-8	Acenaphthylene	328000	U
131-11-3	Dimethyl-phthalate	328000	U
606-20-2	2,6-Dinitrotoluene	328000	U
83-32-9	Acenaphthene	328000	U
99-09-2	3-Nitroaniline	328000	U
51-28-5	2,4-Dinitrophenol	1650000	U
132-64-9	Dibenzofuran	328000	U
121-14-2	2,4-Dinitrotoluene	328000	U
100-02-7	4-Nitrophenol	820000	U
86-73-7	Fluorene	328000	U
7005-72-3	4-Chlorophenyl-phenylether	328000	U
84-66-2	Diethylphthalate	328000	U
100-01-6	4-Nitroaniline	328000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1640000	U
86-30-6	N-Nitrosodiphenylamine	328000	U
101-55-3	4-Bromophenyl-phenylether	328000	U
118-74-1	Hexachlorobenzene	328000	U
87-86-5	Pentachlorophenol	1640000	U
85-01-8	Phenanthrene	328000	U
120-12-7	Anthracene	328000	U
84-74-2	Di-n-butylphthalate	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745114 Lab File ID: 451-14DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2251

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	328000	U
129-00-0	Pyrene	328000	U
92-87-5	Benzidine	824000	U
85-68-7	Butylbenzylphthalate	328000	U
91-94-1	3,3'-Dichlorobenzidine	328000	U
56-55-3	Benzo(a)anthracene	328000	U
218-01-9	Chrysene	328000	U
117-81-7	bis(2-ethylhexyl)phthalate	328000	U
117-84-0	Di-n-octylphthalate	328000	U
205-99-2	Benzo(b)fluoranthene	328000	U
207-08-9	Benzo(k)fluoranthene	328000	U
50-32-8	Benzo(a)pyrene	328000	U
193-39-5	Indeno(1,2,3-cd)pyrene	328000	U
53-70-3	Dibenz(a,h)anthracene	328000	U
191-24-2	Benzo(g,h,i)perylene	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D120

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745115 Lab File ID: 451-15DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2320

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	367000	U
62-53-3	Aniline	367000	U
111-44-4	Bis(2-Chloroethyl)ether	367000	U
108-95-2	Phenol	1840000	U
95-57-8	2-Chlorophenol	367000	U
541-73-1	1,3-Dichlorobenzene	367000	U
106-46-7	1,4-Dichlorobenzene	367000	U
95-50-1	1,2-Dichlorobenzene	367000	U
100-51-6	Benzyl alcohol	918000	U
108-60-1	2,2-Oxybis(1-chloropropane)	372000	U
95-48-7	2-Methylphenol (o-Cresol)	367000	U
67-72-1	Hexachloroethane	372000	U
621-64-7	N-Nitroso-di-n-propylamine	367000	U
106-44-5	4-Methylphenol	367000	U
98-95-3	Nitrobenzene	367000	U
78-59-1	Isophorone	367000	U
88-75-5	2-Nitrophenol	367000	U
105-67-9	2,4-Dimethylphenol	367000	U
65-85-0	Benzoic acid	1840000	U
111-91-1	Bis(2-Chloroethoxy)methane	367000	U
120-83-2	2,4-Dichlorophenol	367000	U
120-82-1	1,2,4-Trichlorobenzene	367000	U
91-20-3	Naphthalene	367000	U
106-47-8	4-Chloroaniline	367000	U
91-57-6	2-Methylnaphthalene	367000	U
87-68-3	Hexachlorobutadiene	367000	U
59-50-7	4-Chloro-3-methylphenol	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D120

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745115 Lab File ID: 451-15DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2320

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	367000	U
77-47-4	Hexachlorocyclopentadiene	918000	U
88-06-2	2,4,6-Trichlorophenol	367000	U
95-95-4	2,4,5-Trichlorophenol	367000	U
91-58-7	2-Chloronaphthalene	372000	U
88-74-4	2-Nitroaniline	367000	U
208-96-8	Acenaphthylene	367000	U
131-11-3	Dimethyl-phthalate	367000	U
606-20-2	2,6-Dinitrotoluene	367000	U
83-32-9	Acenaphthene	367000	U
99-09-2	3-Nitroaniline	367000	U
51-28-5	2,4-Dinitrophenol	1840000	U
132-64-9	Dibenzofuran	367000	U
121-14-2	2,4-Dinitrotoluene	367000	U
100-02-7	4-Nitrophenol	918000	U
86-73-7	Fluorene	367000	U
7005-72-3	4-Chlorophenyl-phenylether	367000	U
84-66-2	Diethylphthalate	367000	U
100-01-6	4-Nitroaniline	367000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1840000	U
86-30-6	N-Nitrosodiphenylamine	367000	U
101-55-3	4-Bromophenyl-phenylether	367000	U
118-74-1	Hexachlorobenzene	367000	U
87-86-5	Pentachlorophenol	1840000	U
85-01-8	Phenanthrene	367000	U
120-12-7	Anthracene	367000	U
84-74-2	Di-n-butylphthalate	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D120

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745115 Lab File ID: 451-15DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2320

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	367000	U
129-00-0	Pyrene	367000	U
92-87-5	Benzidine	922000	U
85-68-7	Butylbenzylphthalate	367000	U
91-94-1	3,3'-Dichlorobenzidine	367000	U
56-55-3	Benzo(a)anthracene	367000	U
218-01-9	Chrysene	367000	U
117-81-7	bis(2-ethylhexyl)phthalate	367000	U
117-84-0	Di-n-octylphthalate	367000	U
205-99-2	Benzo(b)fluoranthene	367000	U
207-08-9	Benzo(k)fluoranthene	367000	U
50-32-8	Benzo(a)pyrene	367000	U
193-39-5	Indeno(1,2,3-cd)pyrene	367000	U
53-70-3	Dibenz(a,h)anthracene	367000	U
191-24-2	Benzo(g,h,i)perylene	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745116 Lab File ID: 451-16DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2350

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	342000	U
62-53-3	Aniline	342000	U
111-44-4	Bis(2-Chloroethyl)ether	342000	U
108-95-2	Phenol	1710000	U
95-57-8	2-Chlorophenol	342000	U
541-73-1	1,3-Dichlorobenzene	342000	U
106-46-7	1,4-Dichlorobenzene	342000	U
95-50-1	1,2-Dichlorobenzene	342000	U
100-51-6	Benzyl alcohol	855000	U
108-60-1	2,2-Oxybis(1-chloropropane)	346000	U
95-48-7	2-Methylphenol (o-Cresol)	342000	U
67-72-1	Hexachloroethane	346000	U
621-64-7	N-Nitroso-di-n-propylamine	342000	U
106-44-5	4-Methylphenol	342000	U
98-95-3	Nitrobenzene	342000	U
78-59-1	Isophorone	342000	U
88-75-5	2-Nitrophenol	342000	U
105-67-9	2,4-Dimethylphenol	342000	U
65-85-0	Benzoic acid	1710000	U
111-91-1	Bis(2-Chloroethoxy)methane	342000	U
120-83-2	2,4-Dichlorophenol	342000	U
120-82-1	1,2,4-Trichlorobenzene	342000	U
91-20-3	Naphthalene	342000	U
106-47-8	4-Chloroaniline	342000	U
91-57-6	2-Methylnaphthalene	342000	U
87-68-3	Hexachlorobutadiene	342000	U
59-50-7	4-Chloro-3-methylphenol	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745116 Lab File ID: 451-16DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2350

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	342000	U
77-47-4	Hexachlorocyclopentadiene	855000	U
88-06-2	2,4,6-Trichlorophenol	342000	U
95-95-4	2,4,5-Trichlorophenol	342000	U
91-58-7	2-Chloronaphthalene	346000	U
88-74-4	2-Nitroaniline	342000	U
208-96-8	Acenaphthylene	342000	U
131-11-3	Dimethyl-phthalate	342000	U
606-20-2	2,6-Dinitrotoluene	342000	U
83-32-9	Acenaphthene	342000	U
99-09-2	3-Nitroaniline	342000	U
51-28-5	2,4-Dinitrophenol	1720000	U
132-64-9	Dibenzofuran	342000	U
121-14-2	2,4-Dinitrotoluene	342000	U
100-02-7	4-Nitrophenol	855000	U
86-73-7	Fluorene	342000	U
7005-72-3	4-Chlorophenyl-phenylether	342000	U
84-66-2	Diethylphthalate	342000	U
100-01-6	4-Nitroaniline	342000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1710000	U
86-30-6	N-Nitrosodiphenylamine	342000	U
101-55-3	4-Bromophenyl-phenylether	342000	U
118-74-1	Hexachlorobenzene	342000	U
87-86-5	Pentachlorophenol	1710000	U
85-01-8	Phenanthrene	342000	U
120-12-7	Anthracene	342000	U
84-74-2	Di-n-butylphthalate	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745116 Lab File ID: 451-16DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2350

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	342000	U
129-00-0	Pyrene	342000	U
92-87-5	Benzidine	859000	U
85-68-7	Butylbenzylphthalate	342000	U
91-94-1	3,3'-Dichlorobenzidine	342000	U
56-55-3	Benzo(a)anthracene	342000	U
218-01-9	Chrysene	342000	U
117-81-7	bis(2-ethylhexyl)phthalate	342000	U
117-84-0	Di-n-octylphthalate	342000	U
205-99-2	Benzo(b)fluoranthene	342000	U
207-08-9	Benzo(k)fluoranthene	342000	U
50-32-8	Benzo(a)pyrene	342000	U
193-39-5	Indeno(1,2,3-cd)pyrene	342000	U
53-70-3	Dibenz(a,h)anthracene	342000	U
191-24-2	Benzo(g,h,i)perylene	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D121

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745117 Lab File ID: 451-17DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0020

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	367000	U
62-53-3	Aniline	367000	U
111-44-4	Bis(2-Chloroethyl)ether	367000	U
108-95-2	Phenol	1840000	U
95-57-8	2-Chlorophenol	367000	U
541-73-1	1,3-Dichlorobenzene	367000	U
106-46-7	1,4-Dichlorobenzene	367000	U
95-50-1	1,2-Dichlorobenzene	367000	U
100-51-6	Benzyl alcohol	918000	U
108-60-1	2,2-Oxybis(1-chloropropane)	372000	U
95-48-7	2-Methylphenol (o-Cresol)	367000	U
67-72-1	Hexachloroethane	372000	U
621-64-7	N-Nitroso-di-n-propylamine	367000	U
106-44-5	4-Methylphenol	367000	U
98-95-3	Nitrobenzene	367000	U
78-59-1	Isophorone	367000	U
88-75-5	2-Nitrophenol	367000	U
105-67-9	2,4-Dimethylphenol	367000	U
65-85-0	Benzoic acid	1840000	U
111-91-1	Bis(2-Chloroethoxy)methane	367000	U
120-83-2	2,4-Dichlorophenol	367000	U
120-82-1	1,2,4-Trichlorobenzene	367000	U
91-20-3	Naphthalene	367000	U
106-47-8	4-Chloroaniline	367000	U
91-57-6	2-Methylnaphthalene	367000	U
87-68-3	Hexachlorobutadiene	367000	U
59-50-7	4-Chloro-3-methylphenol	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D121

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745117 Lab File ID: 451-17DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0020

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	367000	U
77-47-4	Hexachlorocyclopentadiene	918000	U
88-06-2	2,4,6-Trichlorophenol	367000	U
95-95-4	2,4,5-Trichlorophenol	367000	U
91-58-7	2-Chloronaphthalene	372000	U
88-74-4	2-Nitroaniline	367000	U
208-96-8	Acenaphthylene	367000	U
131-11-3	Dimethyl-phthalate	367000	U
606-20-2	2,6-Dinitrotoluene	367000	U
83-32-9	Acenaphthene	367000	U
99-09-2	3-Nitroaniline	367000	U
51-28-5	2,4-Dinitrophenol	1840000	U
132-64-9	Dibenzofuran	367000	U
121-14-2	2,4-Dinitrotoluene	367000	U
100-02-7	4-Nitrophenol	918000	U
86-73-7	Fluorene	367000	U
7005-72-3	4-Chlorophenyl-phenylether	367000	U
84-66-2	Diethylphthalate	367000	U
100-01-6	4-Nitroaniline	367000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1840000	U
86-30-6	N-Nitrosodiphenylamine	367000	U
101-55-3	4-Bromophenyl-phenylether	367000	U
118-74-1	Hexachlorobenzene	367000	U
87-86-5	Pentachlorophenol	1840000	U
85-01-8	Phenanthrene	367000	U
120-12-7	Anthracene	367000	U
84-74-2	Di-n-butylphthalate	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D121

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745117 Lab File ID: 451-17DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0020

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	367000	U
129-00-0	Pyrene	367000	U
92-87-5	Benzidine	922000	U
85-68-7	Butylbenzylphthalate	367000	U
91-94-1	3,3'-Dichlorobenzidine	367000	U
56-55-3	Benzo(a)anthracene	367000	U
218-01-9	Chrysene	367000	U
117-81-7	bis(2-ethylhexyl)phthalate	367000	U
117-84-0	Di-n-octylphthalate	367000	U
205-99-2	Benzo(b)fluoranthene	367000	U
207-08-9	Benzo(k)fluoranthene	367000	U
50-32-8	Benzo(a)pyrene	367000	U
193-39-5	Indeno(1,2,3-cd)pyrene	367000	U
53-70-3	Dibenz(a,h)anthracene	367000	U
191-24-2	Benzo(g,h,i)perylene	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118 Lab File ID: 451-18DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0049

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118 Lab File ID: 451-18DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0049

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118 Lab File ID: 451-18DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0049

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D122

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745119 Lab File ID: 451-19DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0119

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	342000	U
62-53-3	Aniline	342000	U
111-44-4	Bis(2-Chloroethyl)ether	342000	U
108-95-2	Phenol	120000	J
95-57-8	2-Chlorophenol	342000	U
541-73-1	1,3-Dichlorobenzene	342000	U
106-46-7	1,4-Dichlorobenzene	342000	U
95-50-1	1,2-Dichlorobenzene	342000	U
100-51-6	Benzyl alcohol	855000	U
108-60-1	2,2-Oxybis(1-chloropropane)	346000	U
95-48-7	2-Methylphenol (o-Cresol)	342000	U
67-72-1	Hexachloroethane	346000	U
621-64-7	N-Nitroso-di-n-propylamine	342000	U
106-44-5	4-Methylphenol	342000	U
98-95-3	Nitrobenzene	342000	U
78-59-1	Isophorone	342000	U
88-75-5	2-Nitrophenol	342000	U
105-67-9	2,4-Dimethylphenol	342000	U
65-85-0	Benzoic acid	1710000	U
111-91-1	Bis(2-Chloroethoxy)methane	342000	U
120-83-2	2,4-Dichlorophenol	342000	U
120-82-1	1,2,4-Trichlorobenzene	342000	U
91-20-3	Naphthalene	342000	U
106-47-8	4-Chloroaniline	342000	U
91-57-6	2-Methylnaphthalene	342000	U
87-68-3	Hexachlorobutadiene	342000	U
59-50-7	4-Chloro-3-methylphenol	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D122

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745119 Lab File ID: 451-19DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0119

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	342000	U
77-47-4	Hexachlorocyclopentadiene	855000	U
88-06-2	2,4,6-Trichlorophenol	342000	U
95-95-4	2,4,5-Trichlorophenol	342000	U
91-58-7	2-Chloronaphthalene	346000	U
88-74-4	2-Nitroaniline	342000	U
208-96-8	Acenaphthylene	342000	U
131-11-3	Dimethyl-phthalate	342000	U
606-20-2	2,6-Dinitrotoluene	342000	U
83-32-9	Acenaphthene	342000	U
99-09-2	3-Nitroaniline	342000	U
51-28-5	2,4-Dinitrophenol	1720000	U
132-64-9	Dibenzofuran	342000	U
121-14-2	2,4-Dinitrotoluene	342000	U
100-02-7	4-Nitrophenol	855000	U
86-73-7	Fluorene	342000	U
7005-72-3	4-Chlorophenyl-phenylether	342000	U
84-66-2	Diethylphthalate	342000	U
100-01-6	4-Nitroaniline	342000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1710000	U
86-30-6	N-Nitrosodiphenylamine	342000	U
101-55-3	4-Bromophenyl-phenylether	342000	U
118-74-1	Hexachlorobenzene	342000	U
87-86-5	Pentachlorophenol	1710000	U
85-01-8	Phenanthrene	342000	U
120-12-7	Anthracene	342000	U
84-74-2	Di-n-butylphthalate	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D122

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745119 Lab File ID: 451-19DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0119

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	342000	U
129-00-0	Pyrene	342000	U
92-87-5	Benzidine	859000	U
85-68-7	Butylbenzylphthalate	342000	U
91-94-1	3,3'-Dichlorobenzidine	342000	U
56-55-3	Benzo(a)anthracene	342000	U
218-01-9	Chrysene	342000	U
117-81-7	bis(2-ethylhexyl)phthalate	342000	U
117-84-0	Di-n-octylphthalate	342000	U
205-99-2	Benzo(b)fluoranthene	342000	U
207-08-9	Benzo(k)fluoranthene	342000	U
50-32-8	Benzo(a)pyrene	342000	U
193-39-5	Indeno(1,2,3-cd)pyrene	342000	U
53-70-3	Dibenz(a,h)anthracene	342000	U
191-24-2	Benzo(g,h,i)perylene	342000	U

QC Summary

070907 1457

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 353BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 247694 Lab File ID: 353BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1521

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 353BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 247694 Lab File ID: 353BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1521

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 353BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 247694 Lab File ID: 353BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/27/07

Concentrated Extract Volume: 10 Date Extracted: 08/27/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1521

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 353LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	40000	40100	100.0		30.0	48 - 115
Aniline	40000	39100	97.8		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	42500	106.0 *		30.0	61 - 105
Phenol	40000	37900	94.8		23.0	46 - 100
2-Chlorophenol	40000	39000	97.5		24.0	54 - 105
1,3-Dichlorobenzene	40000	44300	111.0 *		26.0	67 - 100
1,4-Dichlorobenzene	40000	43700	109.0 *		27.0	62 - 105
1,2-Dichlorobenzene	40000	42000	105.0 *		30.0	65 - 95
Benzyl alcohol	40000	0	0.0 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	43700	109.0		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	33400	83.5		30.0	58 - 105
Hexachloroethane	40000	42900	107.0		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	41100	103.0		28.0	59 - 115
4-Methylphenol	40000	29200	73.0		26.0	57 - 105
Nitrobenzene	40000	44400	111.0		27.0	71 - 115
Isophorone	40000	41700	104.0		30.0	69 - 110
2-Nitrophenol	40000	31600	79.0		20.0	61 - 110
2,4-Dimethylphenol	40000	33200	83.0		30.0	65 - 105
Benzoic acid	80000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	34800	87.0		30.0	70 - 110
2,4-Dichlorophenol	40000	32200	80.5		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	41300	103.0		29.0	71 - 110
Naphthalene	40000	44800	112.0 *		23.0	67 - 105
4-Chloroaniline	40000	36300	90.8		30.0	57 - 95
2-Methylnaphthalene	40000	44000	110.0 *		22.0	72 - 105
Hexachlorobutadiene	40000	41700	104.0		27.0	79 - 115
4-Chloro-3-methylphenol	40000	36200	90.5		30.0	62 - 115
1-Methylnaphthalene	40000	44100	110.0		25.0	67 - 145
Hexachlorocyclopentadiene	40000	29600	74.0		44.0	34 - 139
2,4,6-Trichlorophenol	40000	37200	93.0		30.0	62 - 110
2,4,5-Trichlorophenol	40000	31400	78.5		29.0	61 - 110
2-Chloronaphthalene	40000	43500	109.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

070907 1457

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 353LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	33000	82.5		23.0	71 - 120
Acenaphthylene	40000	40800	102.0		21.0	66 - 105
Dimethyl-phthalate	40000	42200	106.0		30.0	69 - 110
2,6-Dinitrotoluene	40000	33300	83.2		30.0	73 - 110
Acenaphthene	40000	42100	105.0		28.0	65 - 110
3-Nitroaniline	40000	31200	78.0		30.0	76 - 110
2,4-Dinitrophenol	80000	0	0.0 *		30.0	29 - 130
Dibenzofuran	40000	43800	110.0 *		28.0	75 - 105
2,4-Dinitrotoluene	40000	34800	87.0		29.0	77 - 115
4-Nitrophenol	40000	9180	23.0 *		30.0	52 - 140
Fluorene	40000	44500	111.0 *		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	43800	110.0		30.0	65 - 110
Diethylphthalate	40000	41600	104.0		28.0	68 - 115
4-Nitroaniline	40000	33300	83.2		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	18300	45.8		28.0	34 - 135
N-Nitrosodiphenylamine	40000	43600	109.0		23.0	77 - 115
4-Bromophenyl-phenylether	40000	39400	98.5		30.0	59 - 115
Hexachlorobenzene	40000	42500	106.0		28.0	77 - 120
Pentachlorophenol	40000	13900	34.8 *		30.0	36 - 120
Phenanthrene	40000	42000	105.0		25.0	67 - 110
Anthracene	40000	39700	99.2		19.0	67 - 105
Di-n-butylphthalate	40000	34700	86.8		29.0	67 - 110
Fluoranthene	40000	40800	102.0		21.0	74 - 115
Pyrene	40000	41300	103.0		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	33600	84.0		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	29600	74.0		30.0	41 - 130
Benzo(a)anthracene	40000	40000	100.0		29.0	67 - 110
Chrysene	40000	44200	110.0		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	32000	80.0		30.0	65 - 125
Di-n-octylphthalate	40000	24300	60.8 *		30.0	64 - 130
Benzo(b)fluoranthene	40000	37700	94.2		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

070907 1457

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

353LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	42100	105.0		28.0	53 - 125
Benzo(a)pyrene	40000	35500	88.8		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	37100	92.8		30.0	40 - 120
Dibenz(a,h)anthracene	40000	35100	87.8		30.0	40 - 125
Benzo(g,h,i)perylene	40000	42900	107.0		23.0	41 - 125

Spike Recovery: 16 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

070907 1457

Form III

GC/ECD PCB ORGANICS

METHOD 8082

070907 1457

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPP D123 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 165 % with criteria of (33-140). Since this surrogate was recovered high and all other surrogates met all acceptance criteria, no further action was taken.

Please note that sample NPP D26 (250745114) appears to have been surrogated twice by mistake. This additional surrogation was taken into account when the percent recovery was calculated.

Samples coded accordingly.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/05/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Method: 8082

EPA Sample No	Lab Sample ID
NPP D113	250745101
NPP D114	250745102
NPP D118	250745103
NPP D119	250745104
NPP D116	250745105
NPP D115	250745106
NPP D123	250745107
NPP D127	250745108
NPP D117	250745109
NPP D138	250745110
NPP D126	250745111
NPP D125	250745112
NPP D25	250745113
NPP D26	250745114
NPP D120	250745115
NPP D23	250745116
NPP D121	250745117
NPP D22	250745118
NPP D122	250745119

070907 1457

Sample Data

070907 1457

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D113

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745101 Lab File ID: 451-01.D

Sample wt/vol: 1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1220

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D114

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745102 Lab File ID: 451-02.D

Sample wt/vol: 1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1245

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D118

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745103 Lab File ID: 451-03.D

Sample wt/vol: 1.03 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1311

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D119

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745104 Lab File ID: 451-04.D

Sample wt/vol: 1.02 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1337

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D116

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745105 Lab File ID: 451-05.D

Sample wt/vol: 1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1403

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D115

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745106 Lab File ID: 451-06.D

Sample wt/vol: 1.03 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1505

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D123

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745107 Lab File ID: 451-07.D

Sample wt/vol: 1.02 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1531

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D127

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745108 Lab File ID: 451-08.D

Sample wt/vol: 1.02 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1557

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D117

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745109 Lab File ID: 451-09.D

Sample wt/vol: 1.01 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1706

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D138

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745110 Lab File ID: 451-10.D

Sample wt/vol: 1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1732

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D126

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745111 Lab File ID: 451-11.D

Sample wt/vol: 1 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1758

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D125

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745112 Lab File ID: 451-12.D

Sample wt/vol: 1.02 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1824

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745113 Lab File ID: 451-13.D

Sample wt/vol: 1.03 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1849

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745114 Lab File ID: 451-14.D

Sample wt/vol: 1.02 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1915

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D120

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745115 Lab File ID: 451-15.D

Sample wt/vol: 1.01 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1941

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745116 Lab File ID: 451-16.D

Sample wt/vol: 1.05 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2007

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D121

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745117 Lab File ID: 451-17.D

Sample wt/vol: 1.06 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2032

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118 Lab File ID: 451-18.D

Sample wt/vol: 1.02 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2058

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP D122

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745119 Lab File ID: 451-19.D

Sample wt/vol: 1.02 Units: G Date Received: 08/25/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2208

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 377BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 247929 Lab File ID: 377BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 1128

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

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PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

377LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	9960	99.6		21.0	40 - 140
Aroclor-1260	10000	9700	97.0		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

Samples NPP D115, NPP D116, NPP D121 required a 1:5 dilution due to matrix interference with the following analyte(s): Thallium.

Samples NPP D122, NPP D123, NPP D125, NPP D126, NPP D127, NPP D26 required a 1:5 dilution due to high concentration of the following analyte(s): Sodium.

Sample NPP D25 required a 1:5 dilution due to high concentration of the following analyte(s): Sodium.
Sample NPP D25 required a 1:5 dilution due to matrix interference with the following analyte(s): Lead.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Go

SIGNED: **DATE:** **09/05/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507451

Client: T N & Associates, Inc.

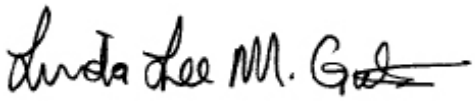
D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 08/29/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507451

SOW No.:

EPA Sample No	Lab Sample ID
NPP D113	250745101
NPP D114	250745102
NPP D118	250745103
NPP D119	250745104
NPP D116	250745105
NPP D116DL1	250745105DL1
NPP D115	250745106
NPP D115DL1	250745106DL1
NPP D123	250745107
NPP D123DL1	250745107DL1
NPP D127	250745108
NPP D127DL1	250745108DL1
NPP D117	250745109
NPP D138	250745110
NPP D126	250745111
NPP D126DL1	250745111DL1
NPP D125	250745112
NPP D125DL1	250745112DL1
NPP D25	250745113
NPP D25DL1	250745113DL1
NPP D26	250745114
NPP D26DL1	250745114DL1
NPP D120	250745115
NPP D23	250745116
NPP D121	250745117
NPP D121DL1	250745117DL1
NPP D22	250745118
NPP D122	250745119
NPP D122DL1	250745119DL1

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507451

SOW No.:

EPA Sample No	Lab Sample ID		
Were ICP interelement corrections applied?		Yes/No	Yes
Were ICP background corrections applied?		Yes/No	Yes
If yes - were raw data generated before application of background corrections?		Yes/No	No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D113

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745101

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	39.2			P
7440-38-2	Arsenic	1.12			P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0488	U		P
7440-70-2	Calcium	24.1			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0488	U		P
7440-50-8	Copper	0.533			P
7439-89-6	Iron	144			P
7439-92-1	Lead	0.332	U		P
7439-95-4	Magnesium	6.71	B		P
7439-96-5	Manganese	1.52			P
7439-97-6	Mercury	0.00221	B		CV
7440-02-0	Nickel	0.609			P
7440-09-7	Potassium	49.3			P
7782-49-2	Selenium	2.42			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	372			P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D113

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745101

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	3.15			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D114

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745102

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	41.6			P
7440-38-2	Arsenic	1.06			P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0486	U		P
7440-70-2	Calcium	19.3			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0486	U		P
7440-50-8	Copper	0.593			P
7439-89-6	Iron	152			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	6.16	B		P
7439-96-5	Manganese	1.54			P
7439-97-6	Mercury	0.00145	U		CV
7440-02-0	Nickel	0.553			P
7440-09-7	Potassium	50.5			P
7782-49-2	Selenium	1.98			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	377			P
7440-28-0	Thallium	0.321	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D114

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745102

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	3			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D118

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745103

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	15.3			P
7440-38-2	Arsenic	0.952	B		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0491	U		P
7440-70-2	Calcium	19.5			P
7440-47-3	Chromium	0.463	B		P
7440-48-4	Cobalt	0.0491	U		P
7440-50-8	Copper	0.19	B		P
7439-89-6	Iron	2360			P
7439-92-1	Lead	0.334	U		P
7439-95-4	Magnesium	5.4	B		P
7439-96-5	Manganese	11.9			P
7439-97-6	Mercury	0.00188	U		CV
7440-02-0	Nickel	0.364	B		P
7440-09-7	Potassium	46.6	B		P
7782-49-2	Selenium	1.56			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	358			P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D118

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745103

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	2.73			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D119

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745104

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	15.4			P
7440-38-2	Arsenic	0.584	B		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0494	U		P
7440-70-2	Calcium	23.1			P
7440-47-3	Chromium	0.196	B		P
7440-48-4	Cobalt	0.0494	U		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	837			P
7439-92-1	Lead	0.336	U		P
7439-95-4	Magnesium	5.71	B		P
7439-96-5	Manganese	3.64			P
7439-97-6	Mercury	0.00179	U		CV
7440-02-0	Nickel	0.311	B		P
7440-09-7	Potassium	51.9			P
7782-49-2	Selenium	2.6			P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	362			P
7440-28-0	Thallium	0.326	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D119

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745104

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	3.69			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D116

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745105

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.98	U		P
7440-36-0	Antimony	24.6			P
7440-38-2	Arsenic	0.692	B		P
7440-39-3	Barium	0.151	U		P
7440-41-7	Beryllium	0.151	U		P
7440-43-9	Cadmium	0.0624	B		P
7440-70-2	Calcium	21.6			P
7440-47-3	Chromium	0.193	B		P
7440-48-4	Cobalt	0.0472	U		P
7440-50-8	Copper	0.169	B		P
7439-89-6	Iron	546			P
7439-92-1	Lead	0.321	U		P
7439-95-4	Magnesium	7.21	B		P
7439-96-5	Manganese	2.82			P
7439-97-6	Mercury	0.00202	B		CV
7440-02-0	Nickel	0.471	B		P
7440-09-7	Potassium	48.8			P
7782-49-2	Selenium	2.45			P
7440-22-4	Silver	0.151	U		P
7440-23-5	Sodium	757			P
7440-62-2	Vanadium	0.151	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D116

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745105

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	4.32			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D116DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745105DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.56	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D115

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745106

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	17.6			P
7440-38-2	Arsenic	1.16			P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0483	U		P
7440-70-2	Calcium	23			P
7440-47-3	Chromium	0.188	B		P
7440-48-4	Cobalt	0.0483	U		P
7440-50-8	Copper	0.303	B		P
7439-89-6	Iron	556			P
7439-92-1	Lead	0.328	U		P
7439-95-4	Magnesium	7.16	B		P
7439-96-5	Manganese	2.94			P
7439-97-6	Mercury	0.00256	B		CV
7440-02-0	Nickel	0.565			P
7440-09-7	Potassium	70.6			P
7782-49-2	Selenium	2.21			P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	401			P
7440-62-2	Vanadium	0.154	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D115

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745106

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	3.9			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D115DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745106DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.59	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D123

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745107

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3.07	B		P
7440-36-0	Antimony	65.7			P
7440-38-2	Arsenic	4.5			P
7440-39-3	Barium	0.242	B		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0501	B		P
7440-70-2	Calcium	52.5			P
7440-47-3	Chromium	0.603			P
7440-48-4	Cobalt	0.0482	U		P
7440-50-8	Copper	0.278	B		P
7439-89-6	Iron	64.7			P
7439-92-1	Lead	0.328	U		P
7439-95-4	Magnesium	2.89	U		P
7439-96-5	Manganese	3.6			P
7439-97-6	Mercury	0.00163	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	9180			P
7782-49-2	Selenium	1.3			P
7440-22-4	Silver	0.154	U		P
7440-28-0	Thallium	0.318	U		P
7440-62-2	Vanadium	0.236	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D123

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745107

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	3.55			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D123DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745107DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	27600			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D127

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745108

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.1	U		P
7440-36-0	Antimony	77.4			P
7440-38-2	Arsenic	6.29			P
7440-39-3	Barium	0.16	U		P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.05	U		P
7440-70-2	Calcium	14.6			P
7440-47-3	Chromium	0.25	B		P
7440-48-4	Cobalt	0.05	U		P
7440-50-8	Copper	0.21	B		P
7439-89-6	Iron	19			P
7439-92-1	Lead	0.34	U		P
7439-95-4	Magnesium	3	U		P
7439-96-5	Manganese	0.695			P
7439-97-6	Mercury	0.0019	U		CV
7440-02-0	Nickel	0.16	U		P
7440-09-7	Potassium	2460			P
7782-49-2	Selenium	1.2			P
7440-22-4	Silver	0.16	U		P
7440-28-0	Thallium	0.33	U		P
7440-62-2	Vanadium	0.16	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D127

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745108

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	1.02			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D127DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745108DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	42300			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D117

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745109

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	15.7			P
7440-36-0	Antimony	73.5			P
7440-38-2	Arsenic	1.1			P
7440-39-3	Barium	0.894			P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0487	U		P
7440-70-2	Calcium	301			P
7440-47-3	Chromium	0.654			P
7440-48-4	Cobalt	0.213	B		P
7440-50-8	Copper	0.44	B		P
7439-89-6	Iron	963			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	99.1			P
7439-96-5	Manganese	34.7			P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	1.63			P
7440-09-7	Potassium	642			P
7782-49-2	Selenium	1.05			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	6060			P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D117

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745109

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	1.9			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D138

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745110

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.26	B		P
7440-36-0	Antimony	303			P
7440-38-2	Arsenic	1.29			P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0494	U		P
7440-70-2	Calcium	186			P
7440-47-3	Chromium	0.269	B		P
7440-48-4	Cobalt	0.27	B		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	2130			P
7439-92-1	Lead	0.336	U		P
7439-95-4	Magnesium	52.9			P
7439-96-5	Manganese	25.1			P
7439-97-6	Mercury	0.00191	U		CV
7440-02-0	Nickel	1.56			P
7440-09-7	Potassium	1720			P
7782-49-2	Selenium	1.02			P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	3700			P
7440-28-0	Thallium	0.326	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D138

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745110

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	2.6			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D126

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745111

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	62.8			P
7440-38-2	Arsenic	6.46			P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0492	U		P
7440-70-2	Calcium	11.2			P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.0492	U		P
7440-50-8	Copper	0.157	U		P
7439-89-6	Iron	7.81			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	0.32	B		P
7439-97-6	Mercury	0.00198	U		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	2600			P
7782-49-2	Selenium	1.21			P
7440-22-4	Silver	0.157	U		P
7440-28-0	Thallium	0.325	U		P
7440-62-2	Vanadium	0.157	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D126

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745111

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D126DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745111DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	39400			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D125

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745112

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	53.6			P
7440-38-2	Arsenic	6.18			P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0508	B		P
7440-70-2	Calcium	7.01	B		P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.048	U		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	4.09	B		P
7439-92-1	Lead	0.326	U		P
7439-95-4	Magnesium	2.88	U		P
7439-96-5	Manganese	0.154	U		P
7439-97-6	Mercury	0.00186	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	2580			P
7782-49-2	Selenium	1.39			P
7440-22-4	Silver	0.154	U		P
7440-28-0	Thallium	0.317	U		P
7440-62-2	Vanadium	0.154	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D125

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745112

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D125DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745112DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	39100			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D25

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745113

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.39	B		P
7440-36-0	Antimony	72.8			P
7440-38-2	Arsenic	5.14			P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0481	U		P
7440-70-2	Calcium	64.1			P
7440-47-3	Chromium	0.318	B		P
7440-48-4	Cobalt	0.0481	U		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	8.85			P
7439-95-4	Magnesium	2.88	U		P
7439-96-5	Manganese	0.514			P
7439-97-6	Mercury	0.00168	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	8530			P
7782-49-2	Selenium	0.766	B		P
7440-22-4	Silver	0.154	U		P
7440-28-0	Thallium	0.317	U		P
7440-62-2	Vanadium	0.164	B		P
7440-66-6	Zinc	1.26			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D25DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745113DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-92-1	Lead	1.63	U		P
7440-23-5	Sodium	34500			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745114

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	76.8			P
7440-38-2	Arsenic	7.02			P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0495	U		P
7440-70-2	Calcium	13			P
7440-47-3	Chromium	0.301	B		P
7440-48-4	Cobalt	0.0495	U		P
7440-50-8	Copper	0.378	B		P
7439-89-6	Iron	26.6			P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	2.97	U		P
7439-96-5	Manganese	1.64			P
7439-97-6	Mercury	0.00192	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	2630			P
7782-49-2	Selenium	1			P
7440-22-4	Silver	0.158	U		P
7440-28-0	Thallium	0.327	U		P
7440-62-2	Vanadium	0.158	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D26

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745114

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.821	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D26DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745114DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	36900			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D120

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745115

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	20.8			P
7440-38-2	Arsenic	0.829	B		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0485	U		P
7440-70-2	Calcium	19.7			P
7440-47-3	Chromium	0.449	B		P
7440-48-4	Cobalt	0.0485	U		P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	1050			P
7439-92-1	Lead	0.33	U		P
7439-95-4	Magnesium	6.08	B		P
7439-96-5	Manganese	5.27			P
7439-97-6	Mercury	0.00176	U		CV
7440-02-0	Nickel	0.415	B		P
7440-09-7	Potassium	51.4			P
7782-49-2	Selenium	2.21			P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	394			P
7440-28-0	Thallium	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D120

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745115

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	3.32			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745116

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	9.18	B		P
7440-36-0	Antimony	0.222	U		P
7440-38-2	Arsenic	0.484	U		P
7440-39-3	Barium	0.985			P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	163			P
7440-47-3	Chromium	1.34			P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	0.568			P
7439-89-6	Iron	162			P
7439-92-1	Lead	1.17			P
7439-95-4	Magnesium	145			P
7439-96-5	Manganese	4.68			P
7439-97-6	Mercury	0.00192	U		CV
7440-02-0	Nickel	0.412	B		P
7440-09-7	Potassium	217			P
7782-49-2	Selenium	0.484	U		P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	1670			P
7440-28-0	Thallium	0.319	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D23

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745116

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.24	B		P
7440-66-6	Zinc	9.29			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D121

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745117

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2	U		P
7440-36-0	Antimony	14.9			P
7440-38-2	Arsenic	0.981			P
7440-39-3	Barium	0.153	U		P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.0477	U		P
7440-70-2	Calcium	21.6			P
7440-47-3	Chromium	0.256	B		P
7440-48-4	Cobalt	0.0477	U		P
7440-50-8	Copper	0.153	U		P
7439-89-6	Iron	604			P
7439-92-1	Lead	0.324	U		P
7439-95-4	Magnesium	6.21	B		P
7439-96-5	Manganese	3			P
7439-97-6	Mercury	0.00201	U		CV
7440-02-0	Nickel	0.418	B		P
7440-09-7	Potassium	61.2			P
7782-49-2	Selenium	2.29			P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	388			P
7440-62-2	Vanadium	0.153	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D121

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745117

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	3.13			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D121DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745117DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.57	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	11.8			P
7440-36-0	Antimony	40.5			P
7440-38-2	Arsenic	0.519	B		P
7440-39-3	Barium	0.809			P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0488	U		P
7440-70-2	Calcium	83.2			P
7440-47-3	Chromium	1.12			P
7440-48-4	Cobalt	0.088	B		P
7440-50-8	Copper	1.79			P
7439-89-6	Iron	261			P
7439-92-1	Lead	0.332	U		P
7439-95-4	Magnesium	17.2			P
7439-96-5	Manganese	2.41			P
7439-97-6	Mercury	0.00343	B		CV
7440-02-0	Nickel	2.46			P
7440-09-7	Potassium	66.4			P
7782-49-2	Selenium	0.561	B		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	955			P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745118

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	7.91			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D122

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745119

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	75.7			P
7440-38-2	Arsenic	5.79			P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	22.1			P
7440-47-3	Chromium	0.264	B		P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	21.3			P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	2.9	U		P
7439-96-5	Manganese	0.317	B		P
7439-97-6	Mercury	0.00129	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	13200			P
7782-49-2	Selenium	1.24			P
7440-22-4	Silver	0.155	U		P
7440-28-0	Thallium	0.319	U		P
7440-62-2	Vanadium	0.155	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D122

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745119

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.809	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP D122DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Lab Sample ID: 250745119DL1

Level:(low/med) LOW Date Received: 8/25/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	28800			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

070907 1458

QC Summary

070907 1458

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

247715LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.297		0.295		0.7		CV

Comments:

070907 1458

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

247729LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507451

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4780		4800		0.4		P
Antimony	20	47.8		48.5		1.5		P
Arsenic	20	45.9		46.2		0.7		P
Barium	20	144		145		0.7		P
Beryllium	20	47.7		47.8		0.2		P
Cadmium	20	46.8		47		0.4		P
Calcium	20	4700		4720		0.4		P
Chromium	20	48.4		51.6		6.4		P
Cobalt	20	46.7		46.6		0.2		P
Copper	20	48.1		48.5		0.8		P
Iron	20	4860		4880		0.4		P
Lead	20	48.8		49.2		0.8		P
Magnesium	20	4770		4770		0.0		P
Manganese	20	48.2		48.1		0.2		P
Nickel	20	47.6		48.4		1.7		P
Potassium	20	4580		4610		0.7		P
Selenium	20	47		47.1		0.2		P
Silver	20	20		20.2		1.0		P
Sodium	20	4820		4850		0.6		P
Thallium	20	48.2		48.7		1.0		P
Vanadium	20	51		51.3		0.6		P
Zinc	20	48.2		48.7		1.0		P

Comments:

070907 1458

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247715LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: _____ SAS No: _____ SDG No.: 2507451

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.297		80	120	99.0

070907 1458

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247715LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: _____ SAS No: _____ SDG No.: 2507451

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.295		80	120	98.3

070907 1458

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247728LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: _____ SAS No: _____ SDG No.: 2507451

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4780		80 - 120	95.6
Antimony				50	47.8		80 - 120	95.6
Arsenic				50	45.9		80 - 120	91.8
Barium				150	144		80 - 120	96.0
Beryllium				50	47.7		80 - 120	95.4
Cadmium				50	46.8		80 - 120	93.6
Calcium				5000	4700		80 - 120	94.0
Chromium				50	48.4		80 - 120	96.8
Cobalt				50	46.7		80 - 120	93.4
Copper				50	48.1		80 - 120	96.2
Iron				5000	4860		80 - 120	97.2
Lead				50	48.8		80 - 120	97.6
Magnesium				5000	4770		80 - 120	95.4
Manganese				50	48.2		80 - 120	96.4
Nickel				50	47.6		80 - 120	95.2
Potassium				5000	4580		80 - 120	91.6
Selenium				50	47		80 - 120	94.0
Silver				20	20		80 - 120	100.0
Sodium				5000	4820		80 - 120	96.4
Thallium				50	48.2		80 - 120	96.4
Vanadium				50	51		80 - 120	102.0
Zinc				50	48.2		80 - 120	96.4

070907 1458

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247729LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: _____ SAS No: _____ SDG No.: 2507451

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)							
Analyte	True	Found	%R	True	Found	C	Limits				%R
Aluminum				5000	4800		80	-	120		96.0
Antimony				50	48.5		80	-	120		97.0
Arsenic				50	46.2		80	-	120		92.4
Barium				150	145		80	-	120		96.7
Beryllium				50	47.8		80	-	120		95.6
Cadmium				50	47		80	-	120		94.0
Calcium				5000	4720		80	-	120		94.4
Chromium				50	51.6		80	-	120		103.2
Cobalt				50	46.6		80	-	120		93.2
Copper				50	48.5		80	-	120		97.0
Iron				5000	4880		80	-	120		97.6
Lead				50	49.2		80	-	120		98.4
Magnesium				5000	4770		80	-	120		95.4
Manganese				50	48.1		80	-	120		96.2
Nickel				50	48.4		80	-	120		96.8
Potassium				5000	4610		80	-	120		92.2
Selenium				50	47.1		80	-	120		94.2
Silver				20	20.2		80	-	120		101.0
Sodium				5000	4850		80	-	120		97.0
Thallium				50	48.7		80	-	120		97.4
Vanadium				50	51.3		80	-	120		102.6
Zinc				50	48.7		80	-	120		97.4

070907 1458

Chain of Custody Documentation

070907 1458

PEL Laboratories, Inc.

Chain of Custody Record
Record/Work Request

2507451 EC

4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Company: TN & Associates, Inc.

Address: 1220 Kennestone Circle Marietta, GA

Phone: 678-355-5550 Fax: 678-355-5545

Print Names(s) / Affiliation: Lou Von Oldenburg / TN & A

Sampler(s) Signature(s):

Project Name/Number: National Petroleum Packers / 2005148-1089

Project Manager: Lou Von Oldenburg

Purchase Order:

Page 3 of 5

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:
REQUESTED DUE DATE
/ /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested 6010	8260	8270	8082	Remarks	Lab. No.
19	NPPD113	8/24/07	10:10		O	3		X	X	X	X	Waste	01
20	NPP D114		10:15										02
21	NPP D118		10:35										03
22	NPP D119		10:30										04
23	NPP D116		10:25										05
24	NPP D115		10:20										06
25	NPP D123		14:05										07
26	NPP D127		14:20										08
27	NPP D117		10:50										09

Shipment Method: 27 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		J. Hunter Pel	08/17/07	1100			
Additional Comments: Jars Only						J. Hunter Pel	08/25/07	0930
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
rec'd @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507451

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PEL Laboratories, Inc.
1010000 1000101 1100110

4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Chain of Custody Record
Record/Work Request

2507451 KC

Page 4 of 5

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Company: T N & Associates, Inc.
Address: 1220 Kennestone Circle Marietta, GA
Phone: 678-355-5550 Fax: 678-355-5545

Project Name/Number: National Petroleum Packers / 2005148-1089
Project Manager: Lou Von Oldenburg
Purchase Order:

Print Names(s) / Affiliation: Lou Von Oldenburg / T N & A
Sampler(s) Signature(s):

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested: 6010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
28	NPP D138	8/24	14:30		O	3		X	X	X	X	Waste	10
29	NPP D126		14:15										11
30	NPP D115		14:10										12
31	NPP D15		14:00										13
32	NPP D26		14:35										14
33	NPP D120		10:45										15
34	NPP D23		10:33										16
35	NPP D121		10:40										17
36	NPP D22		10:55										18
Shipment Method						27		← Total Number of Containers					

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		J. N PCL	08/17/07	11:00			
Additional Comments:	Tabs Only					J. N PCL	08/25/07	0930
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
Rec'd @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507451

259

PEL Laboratories, Inc.
1010000 1000101 1100110
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Chain of Custody Record
Record/Work Request

2507451 KC

Page 5 of 5

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Company: T N & Associates, Inc.
Address: 1220 Kennestone Circle Marietta, GA
Phone: 678-355-5550 Fax: 678-355-5545

Project Name/Number: National Petroleum Packers / 2005148-1089
Project Manager: Lou Von Oldenburg
Purchase Order:

Print Names(s) / Affiliation: Lou Von Oldenburg / T N & A
Sampler(s) Signature(s):

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested: 6010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
37	NPP D122	8/24	10:45		O	3		X	X	X	X	Water	19

2507451

Shipment Method: 3 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		J. Hughes PEL	08/17/07	1100			
Additional Comments:	Tars day							
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
rec'd @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

260

1

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7835

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337835

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005148-1089

3 To

Recipient's Name _____ Phone 813 247 2805

Company PEL LABS

Recipient's Address 4420 PEDDICK POINT RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address TAMPA FL

To request a package be held at a specific FedEx location, print FedEx address here.

City _____ State _____ ZIP 33619

0366274374

8630 3433 7835

0216 Recipient's Copy

4a Express Package Service *Packages up to 150 lbs.*

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [X] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 66.35 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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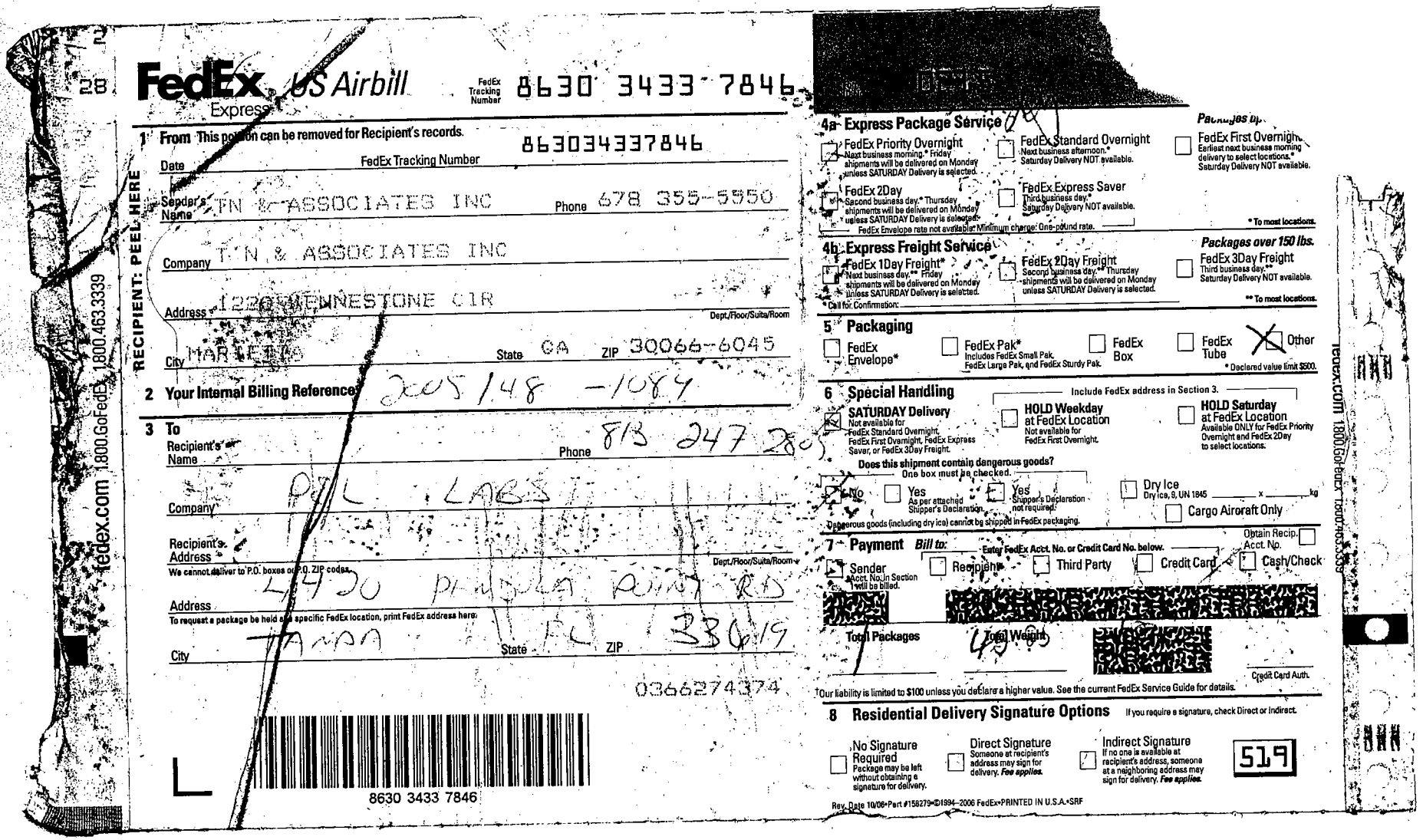

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7846

1 From This portion can be removed for Recipient's records.

Date

FedEx Tracking Number 863034337846

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 STONESTONE CIR Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005148-1084

3 To

Recipient's Name Phone 813 247 2805

Company PML LABS

Recipient's Address Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4430 PENINSULA POINT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

8630 3433 7846

4a Express Package Service

Packages up to 150 lbs.

- FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service

Packages over 150 lbs.

- FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

Call for Confirmation: ** To most locations.

5 Packaging

- FedEx Envelope*
- FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- FedEx Box
- FedEx Tube
- Other

* Declared value limit $500.

6 Special Handling

Include FedEx address in Section 3.

- SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- No
- Yes — As per attached Shipper's Declaration
- Yes — Shipper's Declaration not required.
- Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No.

- Sender — Acct. No. in Section 1 will be billed.
- Recipient
- Third Party
- Credit Card
- Cash/Check

Total Packages Total Weight 49.0 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- No Signature Required — Package may be left without obtaining a signature for delivery.
- Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507451	**Req:**	83511
Client:	TN&A	**Project:**	National Petroleum Packers
Level:	2	**Date Rec'd:**	8/25/07 9:30:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/05/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	No	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507451 **Profile Name:** Nat'l Petro. **Profile #:** 83511

MATRIX S

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 19	7470	Mercury		BMD	082707	1000
01 - 19	7470	Mercury	N/A			
01 - 19	6010	Metals		BMD	082707	1000
01 - 19	6010	Metals	N/A			
01 - 19	8260	Volatile Organic Compounds		MB	8/27/07	11:00
01 - 19	8260	Volatile Organic Compounds		consum.		
01 - 19	8270	GCMS semivolatile		SL	8/27/07	12:05
01 - 19	8270	GCMS semivolatile	SL		8/27/07	20:35
01 - 19	8082	PCB		EC	8/29/07	900
01 - 19	8082	PCB	GG		8/30/07	11am

Additional:

Comments:

Addendum

070907 1458

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/25/2007 9:30:00 AM

Date to be Reported: 9/5/2007

Laboratory Submission Number/SDG: 2507451

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507451

Project: National Petroleum Packers

Samples: The submission consisted of 19 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

10-day TAT.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level 2

Total of: 95 analyses on 19 samples (including QC) *27-Aug-07*

Report/SDG #: 2507451

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D113	250745101		S	8/24/2007 10:10:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D114	250745102		S	8/24/2007 10:15:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D118	250745103		S	8/24/2007 10:35:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507451

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D119	250745104		S	8/24/2007 10:30:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D116	250745105		S	8/24/2007 10:25:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D115	250745106		S	8/24/2007 10:20:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507451

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D123	250745107		S	8/24/2007 2:05:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D127	250745108		S	8/24/2007 2:20:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D117	250745109		S	8/24/2007 10:50:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507451

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D138	250745110		S	8/24/2007 2:30:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D126	250745111		S	8/24/2007 2:15:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D125	250745112		S	8/24/2007 2:00:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507451

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D25	250745113		S	8/24/2007 2:00:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D26	250745114		S	8/24/2007 2:25:00 PM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D120	250745115		S	8/24/2007 10:45:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507451

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D23	250745116		S	8/24/2007 10:33:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D121	250745117		S	8/24/2007 10:40:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D22	250745118		S	8/24/2007 10:55:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507451

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP D122	250745119		S	8/24/2007 10:45:00 AM	8/25/2007 9:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

To: Russell Henderson (RHenderson@tnainc.com)
Cc: 'Lou Von Oldenburg'
Subject: FW: TN&A 2507451 8260 waste
Importance: High

Good afternoon.

-----Original Message-----
From: Lisa Pelo
Sent: Tuesday, September 04, 2007 1:54 PM
To: Project Managers
Subject: TN&A 2507451 8260 waste
Importance: High

Please notify the project chemist of the following:

Sample NPP D22 required an additional 1:100 dilution due to a high concentration of Toluene. Both diluted runs will be reported.

Darcy Weisman

From: Darcy Weisman
Sent: Wednesday, September 05, 2007 2:12 PM
To: Russell Henderson (RHenderson@tnainc.com)
Cc: 'Lou Von Oldenburg'
Subject: FW: Project 2507451 8082; high surrogates

Good afternoon.

-----Original Message-----
From: Brian Spann
Sent: Wednesday, September 05, 2007 2:11 PM
To: Jeremy Wood; Project Managers; Priscilla Conklin
Cc: Steven Pruskin
Subject: RE: Project 2507451 8082; high surrogates

report.

> -----Original Message-----
> From: Jeremy Wood
> Sent: Wednesday, September 05, 2007 1:35 PM
> To: Brian Spann; Project Managers; Priscilla Conklin
> Cc: Steven Pruskin
> Subject: RE: Project 2507451 8082; high surrogates
>
> No notes on the extraction log indicating any spiking issues.
>
> > -----Original Message-----
> > From: Brian Spann
> > Sent: Wednesday, September 05, 2007 1:34 PM
> > To: Jeremy Wood; Project Managers; Priscilla Conklin
> > Cc: Steven Pruskin
> > Subject: RE: Project 2507451 8082; high surrogates
> > Importance: High
> >
> > Check with prep and see if it was 2X spiked. If not the Re extract
> >
> > > -----Original Message-----
> > > From: Jeremy Wood
> > > Sent: Wednesday, September 05, 2007 1:16 PM
> > > To: Brian Spann
> > > Cc: Steven Pruskin
> > > Subject: Project 2507451 8082; high surrogates
> > >
> > > 451-7: 165.82%
> > > 451-14: 270.68%
> > > Control limits: 33-140%
> > >
> > > No target analyte hits or matrix interference in samples. All other samples and QC in the batch meet all acceptance criteria. This is a level 2 soil that goes out of hold 9/7. Report or re-extract?

Client: TN&A
Project: Nat'l Petro

Seth

I must not fear. Fear is the mind-killer. Fear is the little-death that brings total obliteration. I will face my fear. I will permit it to pass over me and through me. And when it has gone past I will turn the inner eye to see its path. Where the fear has gone there will be nothing. Only I will remain.

Darcy Weisman

From: Darcy Weisman
Sent: Thursday, September 06, 2007 11:56 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: 8082 - 2507451

Good afternoon.

-----Original Message-----
From: Brian Spann
Sent: Wednesday, September 05, 2007 5:00 PM
To: Project Managers
Subject: 8082 - 2507451

A. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPP D123 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 165 % with criteria of (33-140). Since this surrogate was recovered high and all other surrogates met all acceptance criteria, no further action was taken.

Please note that sample NPP D26 (250745114) appears to have been surrogated twice by mistake. This additional surrogation was taken into account when the percent recovery was calculated.

This e-mail is intended for the named addressee(s) and may contain information that is confidential and proprietary. If this information is received by anyone other than the named addressee(s), the recipient(s) should immediately notify the sender by e-mail and promptly delete the transmitted material. In no event shall this material be read, used, stored, or retained by anyone other than the named addressee(s) without the express written consent of the sender or the named addressee(s).

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/28/2007 10:30:00 AM
Date Reported:	9/7/2007
Laboratory Submission Number/SDG:	2507461
Project:	National Petroleum Packers

Samples: The submission consisted of 10 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

FOR: Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

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METHOD 8260 GC/ MS VOLATILE ORGANICS 12
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Addendum 182

EXECUTIVE SUMMARY - Detection Highlights

2507461

SAMPLE ID: NPP-SS-01

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	5330	7.67	MG/KG	SW6010B
Antimony	51.7	0.767	MG/KG	SW6010B
Arsenic	4.26	0.767	MG/KG	SW6010B
Barium	54.1	0.384	MG/KG	SW6010B
Beryllium	0.184 B	0.384	MG/KG	SW6010B
Cadmium	1.64	0.384	MG/KG	SW6010B
Calcium	1500	7.67	MG/KG	SW6010B
Chromium	20.7	0.384	MG/KG	SW6010B
Cobalt	3.33	0.384	MG/KG	SW6010B
Copper	70.8	0.384	MG/KG	SW6010B
Iron	12900	3.84	MG/KG	SW6010B
Lead	33.9	0.522	MG/KG	SW6010B
Magnesium	1150	7.67	MG/KG	SW6010B
Manganese	140	0.384	MG/KG	SW6010B
Nickel	10.3	0.384	MG/KG	SW6010B
Potassium	424	38.4	MG/KG	SW6010B
Sodium	110	23	MG/KG	SW6010B
Vanadium	17	0.384	MG/KG	SW6010B
Zinc	127	0.767	MG/KG	SW6010B
Mercury	0.0516	0.0202	MG/KG	SW7470A

SAMPLE ID: NPP-SS-02

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	4980	10.6	MG/KG	SW6010B
Calcium	6440	10.6	MG/KG	SW6010B
Magnesium	818	10.6	MG/KG	SW6010B
Potassium	344	53	MG/KG	SW6010B
Sodium	294	31.8	MG/KG	SW6010B
Mercury	0.163	0.0269	MG/KG	SW7470A
1,1-Dichloroethene	224 J	686	UG/KG	SW8260B
Acetone	5590	3430	UG/KG	SW8260B
Benzene	282 J	686	UG/KG	SW8260B
Ethylbenzene	771	686	UG/KG	SW8260B
p,m-Xylene	1630	1370	UG/KG	SW8260B
Toluene	6360	686	UG/KG	SW8260B

080907 1018

EXECUTIVE SUMMARY - Detection Highlights

2507461

SAMPLE ID: NPP-SS-02DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	292	10.6	MG/KG	SW6010B
Arsenic	39.3	10.6	MG/KG	SW6010B
Barium	74.5	5.3	MG/KG	SW6010B
Chromium	142	5.3	MG/KG	SW6010B
Cobalt	13.2	5.3	MG/KG	SW6010B
Copper	1320	5.3	MG/KG	SW6010B
Iron	251000	53	MG/KG	SW6010B
Lead	51.6	7.21	MG/KG	SW6010B
Manganese	1200	5.3	MG/KG	SW6010B
Nickel	92.6	5.3	MG/KG	SW6010B
Selenium	17	10.6	MG/KG	SW6010B
Vanadium	20	5.3	MG/KG	SW6010B

SAMPLE ID: NPP-SS-02DL2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Zinc	5620	21.2	MG/KG	SW6010B

SAMPLE ID: NPP-SS-03

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	12500	6.03	MG/KG	SW6010B
Calcium	13000	6.03	MG/KG	SW6010B
Magnesium	6840	6.03	MG/KG	SW6010B
Potassium	325	30.2	MG/KG	SW6010B
Sodium	54.1	18.1	MG/KG	SW6010B
Mercury	0.0305	0.0208	MG/KG	SW7470A

080907 1018

EXECUTIVE SUMMARY - Detection Highlights

2507461

SAMPLE ID: NPP-SS-03DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	2.38 B	3.02	MG/KG	SW6010B
Arsenic	14.9	3.02	MG/KG	SW6010B
Barium	49	1.51	MG/KG	SW6010B
Cadmium	1.4 B	1.51	MG/KG	SW6010B
Chromium	27.2	1.51	MG/KG	SW6010B
Cobalt	15	1.51	MG/KG	SW6010B
Copper	53.4	1.51	MG/KG	SW6010B
Iron	31100	15.1	MG/KG	SW6010B
Lead	14.5	2.05	MG/KG	SW6010B
Manganese	679	1.51	MG/KG	SW6010B
Nickel	35.5	1.51	MG/KG	SW6010B
Vanadium	21.6	1.51	MG/KG	SW6010B
Zinc	301	3.02	MG/KG	SW6010B
Acetone	3740	1080	UG/KG	SW8260B

SAMPLE ID: NPP-SS-04

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	9340	5.42	MG/KG	SW6010B
Calcium	8010	5.42	MG/KG	SW6010B
Magnesium	5840	5.42	MG/KG	SW6010B
Potassium	780	27.1	MG/KG	SW6010B
Sodium	82.6	16.3	MG/KG	SW6010B
Mercury	0.008 B	0.0198	MG/KG	SW7470A
Acetone	6.9 J	9.6	UG/KG	SW8260B

SAMPLE ID: NPP-SS-04DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	15.2	2.71	MG/KG	SW6010B
Arsenic	5.68	2.71	MG/KG	SW6010B
Barium	86.8	1.36	MG/KG	SW6010B
Beryllium	0.449 B	1.36	MG/KG	SW6010B
Chromium	32	1.36	MG/KG	SW6010B
Cobalt	14.4	1.36	MG/KG	SW6010B

080907 1018

EXECUTIVE SUMMARY - Detection Highlights

2507461

Copper	45.9	1.36	MG/KG	SW6010B
Iron	41300	13.6	MG/KG	SW6010B
Lead	7.85	1.84	MG/KG	SW6010B
Manganese	535	1.36	MG/KG	SW6010B
Nickel	29.6	1.36	MG/KG	SW6010B
Vanadium	34.9	1.36	MG/KG	SW6010B
Zinc	116	2.71	MG/KG	SW6010B

SAMPLE ID: NPP-SS-05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	7010	6.39	MG/KG	SW6010B
Antimony	4.68	0.639	MG/KG	SW6010B
Arsenic	4.59	0.639	MG/KG	SW6010B
Barium	25.7	0.32	MG/KG	SW6010B
Beryllium	0.211 B	0.32	MG/KG	SW6010B
Cadmium	0.0758 B	0.32	MG/KG	SW6010B
Calcium	15000	6.39	MG/KG	SW6010B
Chromium	14.1	0.32	MG/KG	SW6010B
Cobalt	5.5	0.32	MG/KG	SW6010B
Copper	18.8	0.32	MG/KG	SW6010B
Iron	12600	3.2	MG/KG	SW6010B
Lead	6.72	0.435	MG/KG	SW6010B
Magnesium	2810	6.39	MG/KG	SW6010B
Manganese	260	0.32	MG/KG	SW6010B
Nickel	12.3	0.32	MG/KG	SW6010B
Potassium	250	32	MG/KG	SW6010B
Sodium	109	19.2	MG/KG	SW6010B
Vanadium	12.2	0.32	MG/KG	SW6010B
Zinc	38.6	0.639	MG/KG	SW6010B
Mercury	0.00436 B	0.0202	MG/KG	SW7470A

SAMPLE ID: NPP-SS-06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	10300	5.98	MG/KG	SW6010B
Antimony	4.81	0.598	MG/KG	SW6010B
Arsenic	3.68	0.598	MG/KG	SW6010B
Barium	28	0.299	MG/KG	SW6010B

EXECUTIVE SUMMARY - Detection Highlights

2507461

Beryllium	0.231 B	0.299	MG/KG	SW6010B
Cadmium	0.13 B	0.299	MG/KG	SW6010B
Calcium	9310	5.98	MG/KG	SW6010B
Chromium	17.7	0.299	MG/KG	SW6010B
Cobalt	6.86	0.299	MG/KG	SW6010B
Copper	17.9	0.299	MG/KG	SW6010B
Iron	15800	2.99	MG/KG	SW6010B
Magnesium	4080	5.98	MG/KG	SW6010B
Nickel	14.6	0.299	MG/KG	SW6010B
Potassium	276	29.9	MG/KG	SW6010B
Sodium	995	17.9	MG/KG	SW6010B
Vanadium	15.3	0.299	MG/KG	SW6010B
Zinc	37.8	0.598	MG/KG	SW6010B
Acetone	6.8 J	8.7	UG/KG	SW8260B
Trichlorofluoromethane	6	1.7	UG/KG	SW8260B

SAMPLE ID: NPP-SS-06DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Lead	8.18	2.03	MG/KG	SW6010B
Manganese	453	1.5	MG/KG	SW6010B

SAMPLE ID: NPP-SS-07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	9120	6.21	MG/KG	SW6010B
Antimony	4.66	0.621	MG/KG	SW6010B
Arsenic	5.2	0.621	MG/KG	SW6010B
Barium	22.4	0.31	MG/KG	SW6010B
Beryllium	0.193 B	0.31	MG/KG	SW6010B
Cadmium	0.262 B	0.31	MG/KG	SW6010B
Calcium	5610	6.21	MG/KG	SW6010B
Chromium	13.1	0.31	MG/KG	SW6010B
Cobalt	7.8	0.31	MG/KG	SW6010B
Copper	31	0.31	MG/KG	SW6010B
Iron	16800	3.1	MG/KG	SW6010B
Magnesium	3770	6.21	MG/KG	SW6010B
Nickel	13.7	0.31	MG/KG	SW6010B
Potassium	182	31	MG/KG	SW6010B

EXECUTIVE SUMMARY - Detection Highlights

2507461

Silver	0.117 B	0.31	MG/KG	SW6010B
Sodium	91	18.6	MG/KG	SW6010B
Vanadium	14.2	0.31	MG/KG	SW6010B
Zinc	55	0.621	MG/KG	SW6010B
Mercury	0.00465 B	0.0194	MG/KG	SW7470A
Trichlorofluoromethane	1.6 J	1.8	UG/KG	SW8260B

SAMPLE ID: NPP-SS-07DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Lead	9.81	2.11	MG/KG	SW6010B
Manganese	447	1.55	MG/KG	SW6010B

SAMPLE ID: NPP-SS-08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	8580	5.98	MG/KG	SW6010B
Antimony	17.1	0.598	MG/KG	SW6010B
Arsenic	7.58	0.598	MG/KG	SW6010B
Barium	30.5	0.299	MG/KG	SW6010B
Beryllium	0.175 B	0.299	MG/KG	SW6010B
Cadmium	0.254 B	0.299	MG/KG	SW6010B
Calcium	4850	5.98	MG/KG	SW6010B
Chromium	21.2	0.299	MG/KG	SW6010B
Cobalt	8.24	0.299	MG/KG	SW6010B
Copper	28.9	0.299	MG/KG	SW6010B
Iron	17400	2.99	MG/KG	SW6010B
Magnesium	3340	5.98	MG/KG	SW6010B
Nickel	17.6	0.299	MG/KG	SW6010B
Potassium	288	29.9	MG/KG	SW6010B
Silver	0.129 B	0.299	MG/KG	SW6010B
Sodium	109	17.9	MG/KG	SW6010B
Vanadium	15.2	0.299	MG/KG	SW6010B
Zinc	44.9	0.598	MG/KG	SW6010B
Mercury	0.00753 B	0.0176	MG/KG	SW7470A

EXECUTIVE SUMMARY - Detection Highlights

2507461

SAMPLE ID: NPP-SS-08DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Lead	11	2.03	MG/KG	SW6010B
Manganese	470	1.49	MG/KG	SW6010B

SAMPLE ID: NPP-SS-09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	8000	5.58	MG/KG	SW6010B
Antimony	5.3	0.558	MG/KG	SW6010B
Arsenic	2.92	0.558	MG/KG	SW6010B
Barium	40.8	0.279	MG/KG	SW6010B
Beryllium	0.216 B	0.279	MG/KG	SW6010B
Cadmium	0.173 B	0.279	MG/KG	SW6010B
Calcium	6930	5.58	MG/KG	SW6010B
Chromium	12.1	0.279	MG/KG	SW6010B
Cobalt	6.85	0.279	MG/KG	SW6010B
Copper	36.6	0.279	MG/KG	SW6010B
Iron	19400	2.79	MG/KG	SW6010B
Magnesium	3460	5.58	MG/KG	SW6010B
Nickel	14.2	0.279	MG/KG	SW6010B
Potassium	508	27.9	MG/KG	SW6010B
Sodium	222	16.7	MG/KG	SW6010B
Vanadium	21.1	0.279	MG/KG	SW6010B
Zinc	39.7	0.558	MG/KG	SW6010B
Mercury	0.015 B	0.019	MG/KG	SW7470A

SAMPLE ID: NPP-SS-09DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Lead	6.11	1.9	MG/KG	SW6010B
Manganese	333	1.4	MG/KG	SW6010B

080907 1018

EXECUTIVE SUMMARY - Detection Highlights

2507461

SAMPLE ID: NPP-SS-10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	12400	4.69	MG/KG	SW6010B
Calcium	7400	4.69	MG/KG	SW6010B
Magnesium	6370	4.69	MG/KG	SW6010B
Potassium	386	23.5	MG/KG	SW6010B
Sodium	166	14.1	MG/KG	SW6010B
Mercury	0.0315	0.0192	MG/KG	SW7470A
Acetone	2340	1240	UG/KG	SW8260B

SAMPLE ID: NPP-SS-10DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	15.1	2.35	MG/KG	SW6010B
Arsenic	4.7	2.35	MG/KG	SW6010B
Barium	158	1.17	MG/KG	SW6010B
Beryllium	0.405 B	1.17	MG/KG	SW6010B
Cadmium	0.615 B	1.17	MG/KG	SW6010B
Chromium	36.9	1.17	MG/KG	SW6010B
Cobalt	12.6	1.17	MG/KG	SW6010B
Copper	45	1.17	MG/KG	SW6010B
Iron	26300	11.7	MG/KG	SW6010B
Lead	27	1.6	MG/KG	SW6010B
Manganese	848	1.17	MG/KG	SW6010B
Nickel	29.6	1.17	MG/KG	SW6010B
Selenium	1.37 B	2.35	MG/KG	SW6010B
Vanadium	28.1	1.17	MG/KG	SW6010B
Zinc	179	2.35	MG/KG	SW6010B

Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507461

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 083007LCS12 was analyzed with the soil samples on 08/30/07. The following analyte was recovered below criteria: Acrolein at 63 % with criteria of (69-130).

LCS 083007LCS12D was analyzed with the soil samples on 08/30/07. The following analyte was recovered below criteria: Acrolein at 67.5 % with criteria of (69-130). The following analyte was recovered above criteria: Acetone at 141 % with criteria of (58-133).

No further action was required. Samples coded accordingly.

PEL Lab Reference No./SDG: 2507461

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

Samples NPP-SS-02 and NPP-SS-10 required a high level extraction and analysis due to ISTD excursions in both low level PW vial runs, which resulted in the inability to quantitate the data. Only high level analyses are reported for these samples.

Sample NPP-SS-03 required a 1:50 dilution due to a high concentration of Acetone. Both low and high level runs are reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/07/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Method: 8260

EPA Sample No	Lab Sample ID
NPP-SS-01	250746101
NPP-SS-02	250746102
NPP-SS-03	250746103
NPP-SS-03DL1	250746103DL1
NPP-SS-04	250746104
NPP-SS-05	250746105
NPP-SS-06	250746106
NPP-SS-07	250746107
NPP-SS-08	250746108
NPP-SS-09	250746109
NPP-SS-10	250746110

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Sample Data

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1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746101 Lab File ID: 46101R.D

Sample wt/vol: 5.37 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1515

PercentSolids: 91.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2	U
74-87-3	Chloromethane	2	U
75-01-4	Vinyl chloride	2	U
74-83-9	Bromomethane	2	U
75-00-3	Chloroethane	5.1	U
75-69-4	Trichlorofluoromethane	2	U
75-35-4	1,1-Dichloroethene	2	U
107-02-8	Acrolein	25.4	U
74-88-4	Methyl iodide	2	U
75-15-0	Carbon disulfide	2	U
75-09-2	Methylene chloride	5.1	U
156-60-5	trans-1,2-Dichloroethene	2	U
107-13-1	Acrylonitrile	5.1	U
75-34-3	1,1-Dichloroethane	2	U
67-64-1	Acetone	10.2	U
594-20-7	2,2-Dichloropropane	2	U
156-59-2	cis-1,2-Dichloroethene	2	U
74-97-5	Bromochloromethane	2	U
78-93-3	2-Butanone	10.2	U
67-66-3	Chloroform	2	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon tetrachloride	2	U
563-58-6	1,1-Dichloropropene	2	U
71-43-2	Benzene	2	U
107-06-2	1,2-Dichloroethane	2	U
79-01-6	Trichloroethene	2	U
108-05-4	Vinyl acetate	4.1	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746101 Lab File ID: 46101R.D

Sample wt/vol: 5.37 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1515

PercentSolids: 91.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2	U
74-95-3	Dibromomethane	2	U
75-27-4	Bromodichloromethane	2	U
10061-01-5	cis-1,3-Dichloropropene	2	U
108-10-1	4-Methyl-2-pentanone	4.1	U
108-88-3	Toluene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
79-00-5	1,1,2-Trichloroethane	2	U
127-18-4	Tetrachloroethene	5.1	U
142-28-9	1,3-Dichloropropane	2	U
591-78-6	2-Hexanone	4.1	U
124-48-1	Dibromochloromethane	2	U
106-93-4	1,2-Dibromoethane(EDB)	2	U
108-90-7	Chlorobenzene	2	U
630-20-6	1,1,1,2-Tetrachloroethane	2	U
100-41-4	Ethylbenzene	2	U
511-39-00	p,m-Xylene	4.1	U
95-47-6	o-Xylene	2	U
100-42-5	Styrene	2	U
75-25-2	Bromoform	5.1	U
98-82-8	Isopropylbenzene (Cumene)	2	U
108-86-1	Bromobenzene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U
96-18-4	1,2,3-Trichloropropane	2	U
103-65-1	n-Propylbenzene	2	U
95-49-8	2-Chlorotoluene	2	U
106-43-4	4-Chlorotoluene	2	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746101 Lab File ID: 46101R.D

Sample wt/vol: 5.37 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1515

PercentSolids: 91.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2	U
98-06-6	tert-Butylbenzene	2	U
95-63-6	1,2,4-Trimethylbenzene	2	U
135-98-8	sec-Butylbenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
99-87-6	4-Isopropyltoluene	2	U
104-51-8	n-Butylbenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
96-12-8	1,2-Dibromo-3-chloropropane	10.2	U
120-82-1	1,2,4-Trichlorobenzene	2	U
87-68-3	Hexachlorobutadiene	3	U
91-20-3	Naphthalene	2	U
87-61-6	1,2,3-Trichlorobenzene	2	U
1634-04-4	MTBE	2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-02

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746102 Lab File ID: 46102M.D

Sample wt/vol: 3.46 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1444

PercentSolids: 42.1 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	686	U
74-87-3	Chloromethane	686	U
75-01-4	Vinyl chloride	686	U
74-83-9	Bromomethane	686	U
75-00-3	Chloroethane	1720	U
75-69-4	Trichlorofluoromethane	686	U
75-35-4	1,1-Dichloroethene	224	J
107-02-8	Acrolein	8580	U
74-88-4	Methyl iodide	686	U
75-15-0	Carbon disulfide	686	U
75-09-2	Methylene chloride	1720	U
156-60-5	trans-1,2-Dichloroethene	686	U
107-13-1	Acrylonitrile	1720	U
75-34-3	1,1-Dichloroethane	686	U
67-64-1	Acetone	5590	
594-20-7	2,2-Dichloropropane	686	U
156-59-2	cis-1,2-Dichloroethene	686	U
74-97-5	Bromochloromethane	686	U
78-93-3	2-Butanone	3430	U
67-66-3	Chloroform	686	U
71-55-6	1,1,1-Trichloroethane	686	U
56-23-5	Carbon tetrachloride	686	U
563-58-6	1,1-Dichloropropene	686	U
71-43-2	Benzene	282	J
107-06-2	1,2-Dichloroethane	686	U
79-01-6	Trichloroethene	686	U
108-05-4	Vinyl acetate	1370	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-02

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746102 Lab File ID: 46102M.D

Sample wt/vol: 3.46 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1444

PercentSolids: 42.1 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	686	U
74-95-3	Dibromomethane	686	U
75-27-4	Bromodichloromethane	686	U
10061-01-5	cis-1,3-Dichloropropene	686	U
108-10-1	4-Methyl-2-pentanone	1370	U
108-88-3	Toluene	6360	
10061-02-6	trans-1,3-Dichloropropene	686	U
79-00-5	1,1,2-Trichloroethane	686	U
127-18-4	Tetrachloroethene	1720	U
142-28-9	1,3-Dichloropropane	686	U
591-78-6	2-Hexanone	1370	U
124-48-1	Dibromochloromethane	686	U
106-93-4	1,2-Dibromoethane(EDB)	686	U
108-90-7	Chlorobenzene	686	U
630-20-6	1,1,1,2-Tetrachloroethane	686	U
100-41-4	Ethylbenzene	771	
511-39-00	p,m-Xylene	1630	
95-47-6	o-Xylene	686	U
100-42-5	Styrene	686	U
75-25-2	Bromoform	1720	U
98-82-8	Isopropylbenzene (Cumene)	686	U
108-86-1	Bromobenzene	686	U
79-34-5	1,1,2,2-Tetrachloroethane	686	U
96-18-4	1,2,3-Trichloropropane	686	U
103-65-1	n-Propylbenzene	686	U
95-49-8	2-Chlorotoluene	686	U
106-43-4	4-Chlorotoluene	686	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-02

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746102 Lab File ID: 46102M.D

Sample wt/vol: 3.46 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1444

PercentSolids: 42.1 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	686	U
98-06-6	tert-Butylbenzene	686	U
95-63-6	1,2,4-Trimethylbenzene	686	U
135-98-8	sec-Butylbenzene	686	U
541-73-1	1,3-Dichlorobenzene	686	U
106-46-7	1,4-Dichlorobenzene	686	U
99-87-6	4-Isopropyltoluene	686	U
104-51-8	n-Butylbenzene	686	U
95-50-1	1,2-Dichlorobenzene	686	U
96-12-8	1,2-Dibromo-3-chloropropane	3430	U
120-82-1	1,2,4-Trichlorobenzene	686	U
87-68-3	Hexachlorobutadiene	1030	U
91-20-3	Naphthalene	686	U
87-61-6	1,2,3-Trichlorobenzene	686	U
1634-04-4	MTBE	686	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103 Lab File ID: 46103.D

Sample wt/vol: 5.74 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1541

PercentSolids: 86.8 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2	U
74-87-3	Chloromethane	2	U
75-01-4	Vinyl chloride	2	U
74-83-9	Bromomethane	2	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	2	U
75-35-4	1,1-Dichloroethene	2	U
107-02-8	Acrolein	25.1	U
74-88-4	Methyl iodide	2	U
75-15-0	Carbon disulfide	2	U
75-09-2	Methylene chloride	5	U
156-60-5	trans-1,2-Dichloroethene	2	U
107-13-1	Acrylonitrile	5	U
75-34-3	1,1-Dichloroethane	2	U
67-64-1	Acetone	182	E
594-20-7	2,2-Dichloropropane	2	U
156-59-2	cis-1,2-Dichloroethene	2	U
74-97-5	Bromochloromethane	2	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	2	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon tetrachloride	2	U
563-58-6	1,1-Dichloropropene	2	U
71-43-2	Benzene	2	U
107-06-2	1,2-Dichloroethane	2	U
79-01-6	Trichloroethene	2	U
108-05-4	Vinyl acetate	4	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103 Lab File ID: 46103.D

Sample wt/vol: 5.74 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1541

PercentSolids: 86.8 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2	U
74-95-3	Dibromomethane	2	U
75-27-4	Bromodichloromethane	2	U
10061-01-5	cis-1,3-Dichloropropene	2	U
108-10-1	4-Methyl-2-pentanone	4	U
108-88-3	Toluene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
79-00-5	1,1,2-Trichloroethane	2	U
127-18-4	Tetrachloroethene	5	U
142-28-9	1,3-Dichloropropane	2	U
591-78-6	2-Hexanone	4	U
124-48-1	Dibromochloromethane	2	U
106-93-4	1,2-Dibromoethane(EDB)	2	U
108-90-7	Chlorobenzene	2	U
630-20-6	1,1,1,2-Tetrachloroethane	2	U
100-41-4	Ethylbenzene	2	U
511-39-00	p,m-Xylene	4	U
95-47-6	o-Xylene	2	U
100-42-5	Styrene	2	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene (Cumene)	2	U
108-86-1	Bromobenzene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U
96-18-4	1,2,3-Trichloropropane	2	U
103-65-1	n-Propylbenzene	2	U
95-49-8	2-Chlorotoluene	2	U
106-43-4	4-Chlorotoluene	2	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103 Lab File ID: 46103.D

Sample wt/vol: 5.74 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1541

PercentSolids: 86.8 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2	U
98-06-6	tert-Butylbenzene	2	U
95-63-6	1,2,4-Trimethylbenzene	2	U
135-98-8	sec-Butylbenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
99-87-6	4-Isopropyltoluene	2	U
104-51-8	n-Butylbenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	2	U
87-68-3	Hexachlorobutadiene	3	U
91-20-3	Naphthalene	2	U
87-61-6	1,2,3-Trichlorobenzene	2	U
1634-04-4	MTBE	2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-03DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103DL1 Lab File ID: 46103M.D

Sample wt/vol: 5.34 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1511

PercentSolids: 86.8 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	216	U
74-87-3	Chloromethane	216	U
75-01-4	Vinyl chloride	216	U
74-83-9	Bromomethane	216	U
75-00-3	Chloroethane	539	U
75-69-4	Trichlorofluoromethane	216	U
75-35-4	1,1-Dichloroethene	216	U
107-02-8	Acrolein	2700	U
74-88-4	Methyl iodide	216	U
75-15-0	Carbon disulfide	216	U
75-09-2	Methylene chloride	539	U
156-60-5	trans-1,2-Dichloroethene	216	U
107-13-1	Acrylonitrile	539	U
75-34-3	1,1-Dichloroethane	216	U
67-64-1	Acetone	3740	
594-20-7	2,2-Dichloropropane	216	U
156-59-2	cis-1,2-Dichloroethene	216	U
74-97-5	Bromochloromethane	216	U
78-93-3	2-Butanone	1080	U
67-66-3	Chloroform	216	U
71-55-6	1,1,1-Trichloroethane	216	U
56-23-5	Carbon tetrachloride	216	U
563-58-6	1,1-Dichloropropene	216	U
71-43-2	Benzene	216	U
107-06-2	1,2-Dichloroethane	216	U
79-01-6	Trichloroethene	216	U
108-05-4	Vinyl acetate	431	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-03DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103DL1 Lab File ID: 46103M.D

Sample wt/vol: 5.34 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1511

PercentSolids: 86.8 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	216	U
74-95-3	Dibromomethane	216	U
75-27-4	Bromodichloromethane	216	U
10061-01-5	cis-1,3-Dichloropropene	216	U
108-10-1	4-Methyl-2-pentanone	431	U
108-88-3	Toluene	216	U
10061-02-6	trans-1,3-Dichloropropene	216	U
79-00-5	1,1,2-Trichloroethane	216	U
127-18-4	Tetrachloroethene	539	U
142-28-9	1,3-Dichloropropane	216	U
591-78-6	2-Hexanone	431	U
124-48-1	Dibromochloromethane	216	U
106-93-4	1,2-Dibromoethane(EDB)	216	U
108-90-7	Chlorobenzene	216	U
630-20-6	1,1,1,2-Tetrachloroethane	216	U
100-41-4	Ethylbenzene	216	U
511-39-00	p,m-Xylene	431	U
95-47-6	o-Xylene	216	U
100-42-5	Styrene	216	U
75-25-2	Bromoform	539	U
98-82-8	Isopropylbenzene (Cumene)	216	U
108-86-1	Bromobenzene	216	U
79-34-5	1,1,2,2-Tetrachloroethane	216	U
96-18-4	1,2,3-Trichloropropane	216	U
103-65-1	n-Propylbenzene	216	U
95-49-8	2-Chlorotoluene	216	U
106-43-4	4-Chlorotoluene	216	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-03DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103DL1 Lab File ID: 46103M.D

Sample wt/vol: 5.34 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1511

PercentSolids: 86.8 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	216	U
98-06-6	tert-Butylbenzene	216	U
95-63-6	1,2,4-Trimethylbenzene	216	U
135-98-8	sec-Butylbenzene	216	U
541-73-1	1,3-Dichlorobenzene	216	U
106-46-7	1,4-Dichlorobenzene	216	U
99-87-6	4-Isopropyltoluene	216	U
104-51-8	n-Butylbenzene	216	U
95-50-1	1,2-Dichlorobenzene	216	U
96-12-8	1,2-Dibromo-3-chloropropane	1080	U
120-82-1	1,2,4-Trichlorobenzene	216	U
87-68-3	Hexachlorobutadiene	324	U
91-20-3	Naphthalene	216	U
87-61-6	1,2,3-Trichlorobenzene	216	U
1634-04-4	MTBE	216	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-04

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746104 Lab File ID: 46104R.D

Sample wt/vol: 5.69 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1447

PercentSolids: 91.3 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1.9	U
74-87-3	Chloromethane	1.9	U
75-01-4	Vinyl chloride	1.9	U
74-83-9	Bromomethane	1.9	U
75-00-3	Chloroethane	4.8	U
75-69-4	Trichlorofluoromethane	1.9	U
75-35-4	1,1-Dichloroethene	1.9	U
107-02-8	Acrolein	24.1	U
74-88-4	Methyl iodide	1.9	U
75-15-0	Carbon disulfide	1.9	U
75-09-2	Methylene chloride	4.8	U
156-60-5	trans-1,2-Dichloroethene	1.9	U
107-13-1	Acrylonitrile	4.8	U
75-34-3	1,1-Dichloroethane	1.9	U
67-64-1	Acetone	6.9	J
594-20-7	2,2-Dichloropropane	1.9	U
156-59-2	cis-1,2-Dichloroethene	1.9	U
74-97-5	Bromochloromethane	1.9	U
78-93-3	2-Butanone	9.6	U
67-66-3	Chloroform	1.9	U
71-55-6	1,1,1-Trichloroethane	1.9	U
56-23-5	Carbon tetrachloride	1.9	U
563-58-6	1,1-Dichloropropene	1.9	U
71-43-2	Benzene	1.9	U
107-06-2	1,2-Dichloroethane	1.9	U
79-01-6	Trichloroethene	1.9	U
108-05-4	Vinyl acetate	3.8	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-04

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746104 Lab File ID: 46104R.D

Sample wt/vol: 5.69 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1447

PercentSolids: 91.3 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1.9	U
74-95-3	Dibromomethane	1.9	U
75-27-4	Bromodichloromethane	1.9	U
10061-01-5	cis-1,3-Dichloropropene	1.9	U
108-10-1	4-Methyl-2-pentanone	3.8	U
108-88-3	Toluene	1.9	U
10061-02-6	trans-1,3-Dichloropropene	1.9	U
79-00-5	1,1,2-Trichloroethane	1.9	U
127-18-4	Tetrachloroethene	4.8	U
142-28-9	1,3-Dichloropropane	1.9	U
591-78-6	2-Hexanone	3.8	U
124-48-1	Dibromochloromethane	1.9	U
106-93-4	1,2-Dibromoethane(EDB)	1.9	U
108-90-7	Chlorobenzene	1.9	U
630-20-6	1,1,1,2-Tetrachloroethane	1.9	U
100-41-4	Ethylbenzene	1.9	U
511-39-00	p,m-Xylene	3.8	U
95-47-6	o-Xylene	1.9	U
100-42-5	Styrene	1.9	U
75-25-2	Bromoform	4.8	U
98-82-8	Isopropylbenzene (Cumene)	1.9	U
108-86-1	Bromobenzene	1.9	U
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U
96-18-4	1,2,3-Trichloropropane	1.9	U
103-65-1	n-Propylbenzene	1.9	U
95-49-8	2-Chlorotoluene	1.9	U
106-43-4	4-Chlorotoluene	1.9	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-04

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746104 Lab File ID: 46104R.D

Sample wt/vol: 5.69 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1447

PercentSolids: 91.3 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1.9	U
98-06-6	tert-Butylbenzene	1.9	U
95-63-6	1,2,4-Trimethylbenzene	1.9	U
135-98-8	sec-Butylbenzene	1.9	U
541-73-1	1,3-Dichlorobenzene	1.9	U
106-46-7	1,4-Dichlorobenzene	1.9	U
99-87-6	4-Isopropyltoluene	1.9	U
104-51-8	n-Butylbenzene	1.9	U
95-50-1	1,2-Dichlorobenzene	1.9	U
96-12-8	1,2-Dibromo-3-chloropropane	9.6	U
120-82-1	1,2,4-Trichlorobenzene	1.9	U
87-68-3	Hexachlorobutadiene	2.9	U
91-20-3	Naphthalene	1.9	U
87-61-6	1,2,3-Trichlorobenzene	1.9	U
1634-04-4	MTBE	1.9	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-05

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746105 Lab File ID: 46105.D

Sample wt/vol: 5.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1700

PercentSolids: 96.1 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1.9	U
74-87-3	Chloromethane	1.9	U
75-01-4	Vinyl chloride	1.9	U
74-83-9	Bromomethane	1.9	U
75-00-3	Chloroethane	4.7	U
75-69-4	Trichlorofluoromethane	1.9	U
75-35-4	1,1-Dichloroethene	1.9	U
107-02-8	Acrolein	23.4	U
74-88-4	Methyl iodide	1.9	U
75-15-0	Carbon disulfide	1.9	U
75-09-2	Methylene chloride	4.7	U
156-60-5	trans-1,2-Dichloroethene	1.9	U
107-13-1	Acrylonitrile	4.7	U
75-34-3	1,1-Dichloroethane	1.9	U
67-64-1	Acetone	9.4	U
594-20-7	2,2-Dichloropropane	1.9	U
156-59-2	cis-1,2-Dichloroethene	1.9	U
74-97-5	Bromochloromethane	1.9	U
78-93-3	2-Butanone	9.4	U
67-66-3	Chloroform	1.9	U
71-55-6	1,1,1-Trichloroethane	1.9	U
56-23-5	Carbon tetrachloride	1.9	U
563-58-6	1,1-Dichloropropene	1.9	U
71-43-2	Benzene	1.9	U
107-06-2	1,2-Dichloroethane	1.9	U
79-01-6	Trichloroethene	1.9	U
108-05-4	Vinyl acetate	3.8	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-05

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746105 Lab File ID: 46105.D

Sample wt/vol: 5.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1700

PercentSolids: 96.1 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1.9	U
74-95-3	Dibromomethane	1.9	U
75-27-4	Bromodichloromethane	1.9	U
10061-01-5	cis-1,3-Dichloropropene	1.9	U
108-10-1	4-Methyl-2-pentanone	3.8	U
108-88-3	Toluene	1.9	U
10061-02-6	trans-1,3-Dichloropropene	1.9	U
79-00-5	1,1,2-Trichloroethane	1.9	U
127-18-4	Tetrachloroethene	4.7	U
142-28-9	1,3-Dichloropropane	1.9	U
591-78-6	2-Hexanone	3.8	U
124-48-1	Dibromochloromethane	1.9	U
106-93-4	1,2-Dibromoethane(EDB)	1.9	U
108-90-7	Chlorobenzene	1.9	U
630-20-6	1,1,1,2-Tetrachloroethane	1.9	U
100-41-4	Ethylbenzene	1.9	U
511-39-00	p,m-Xylene	3.8	U
95-47-6	o-Xylene	1.9	U
100-42-5	Styrene	1.9	U
75-25-2	Bromoform	4.7	U
98-82-8	Isopropylbenzene (Cumene)	1.9	U
108-86-1	Bromobenzene	1.9	U
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U
96-18-4	1,2,3-Trichloropropane	1.9	U
103-65-1	n-Propylbenzene	1.9	U
95-49-8	2-Chlorotoluene	1.9	U
106-43-4	4-Chlorotoluene	1.9	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-05

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746105 Lab File ID: 46105.D

Sample wt/vol: 5.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1700

PercentSolids: 96.1 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1.9	U
98-06-6	tert-Butylbenzene	1.9	U
95-63-6	1,2,4-Trimethylbenzene	1.9	U
135-98-8	sec-Butylbenzene	1.9	U
541-73-1	1,3-Dichlorobenzene	1.9	U
106-46-7	1,4-Dichlorobenzene	1.9	U
99-87-6	4-Isopropyltoluene	1.9	U
104-51-8	n-Butylbenzene	1.9	U
95-50-1	1,2-Dichlorobenzene	1.9	U
96-12-8	1,2-Dibromo-3-chloropropane	9.4	U
120-82-1	1,2,4-Trichlorobenzene	1.9	U
87-68-3	Hexachlorobutadiene	2.8	U
91-20-3	Naphthalene	1.9	U
87-61-6	1,2,3-Trichlorobenzene	1.9	U
1634-04-4	MTBE	1.9	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746106 Lab File ID: 46106.D

Sample wt/vol: 6 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1726

PercentSolids: 96.1 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1.7	U
74-87-3	Chloromethane	1.7	U
75-01-4	Vinyl chloride	1.7	U
74-83-9	Bromomethane	1.7	U
75-00-3	Chloroethane	4.3	U
75-69-4	Trichlorofluoromethane	6	
75-35-4	1,1-Dichloroethene	1.7	U
107-02-8	Acrolein	21.7	U
74-88-4	Methyl iodide	1.7	U
75-15-0	Carbon disulfide	1.7	U
75-09-2	Methylene chloride	4.3	U
156-60-5	trans-1,2-Dichloroethene	1.7	U
107-13-1	Acrylonitrile	4.3	U
75-34-3	1,1-Dichloroethane	1.7	U
67-64-1	Acetone	6.8	J
594-20-7	2,2-Dichloropropane	1.7	U
156-59-2	cis-1,2-Dichloroethene	1.7	U
74-97-5	Bromochloromethane	1.7	U
78-93-3	2-Butanone	8.7	U
67-66-3	Chloroform	1.7	U
71-55-6	1,1,1-Trichloroethane	1.7	U
56-23-5	Carbon tetrachloride	1.7	U
563-58-6	1,1-Dichloropropene	1.7	U
71-43-2	Benzene	1.7	U
107-06-2	1,2-Dichloroethane	1.7	U
79-01-6	Trichloroethene	1.7	U
108-05-4	Vinyl acetate	3.5	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746106 Lab File ID: 46106.D

Sample wt/vol: 6 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1726

PercentSolids: 96.1 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1.7	U
74-95-3	Dibromomethane	1.7	U
75-27-4	Bromodichloromethane	1.7	U
10061-01-5	cis-1,3-Dichloropropene	1.7	U
108-10-1	4-Methyl-2-pentanone	3.5	U
108-88-3	Toluene	1.7	U
10061-02-6	trans-1,3-Dichloropropene	1.7	U
79-00-5	1,1,2-Trichloroethane	1.7	U
127-18-4	Tetrachloroethene	4.3	U
142-28-9	1,3-Dichloropropane	1.7	U
591-78-6	2-Hexanone	3.5	U
124-48-1	Dibromochloromethane	1.7	U
106-93-4	1,2-Dibromoethane(EDB)	1.7	U
108-90-7	Chlorobenzene	1.7	U
630-20-6	1,1,1,2-Tetrachloroethane	1.7	U
100-41-4	Ethylbenzene	1.7	U
511-39-00	p,m-Xylene	3.5	U
95-47-6	o-Xylene	1.7	U
100-42-5	Styrene	1.7	U
75-25-2	Bromoform	4.3	U
98-82-8	Isopropylbenzene (Cumene)	1.7	U
108-86-1	Bromobenzene	1.7	U
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U
96-18-4	1,2,3-Trichloropropane	1.7	U
103-65-1	n-Propylbenzene	1.7	U
95-49-8	2-Chlorotoluene	1.7	U
106-43-4	4-Chlorotoluene	1.7	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746106 Lab File ID: 46106.D

Sample wt/vol: 6 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1726

PercentSolids: 96.1 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1.7	U
98-06-6	tert-Butylbenzene	1.7	U
95-63-6	1,2,4-Trimethylbenzene	1.7	U
135-98-8	sec-Butylbenzene	1.7	U
541-73-1	1,3-Dichlorobenzene	1.7	U
106-46-7	1,4-Dichlorobenzene	1.7	U
99-87-6	4-Isopropyltoluene	1.7	U
104-51-8	n-Butylbenzene	1.7	U
95-50-1	1,2-Dichlorobenzene	1.7	U
96-12-8	1,2-Dibromo-3-chloropropane	8.7	U
120-82-1	1,2,4-Trichlorobenzene	1.7	U
87-68-3	Hexachlorobutadiene	2.6	U
91-20-3	Naphthalene	1.7	U
87-61-6	1,2,3-Trichlorobenzene	1.7	U
1634-04-4	MTBE	1.7	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-07

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746107 Lab File ID: 46107.D

Sample wt/vol: 6.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1108

PercentSolids: 94.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1.8	U
74-87-3	Chloromethane	1.8	U
75-01-4	Vinyl chloride	1.8	U
74-83-9	Bromomethane	1.8	U
75-00-3	Chloroethane	4.4	U
75-69-4	Trichlorofluoromethane	1.6	J
75-35-4	1,1-Dichloroethene	1.8	U
107-02-8	Acrolein	22	U
74-88-4	Methyl iodide	1.8	U
75-15-0	Carbon disulfide	1.8	U
75-09-2	Methylene chloride	4.4	U
156-60-5	trans-1,2-Dichloroethene	1.8	U
107-13-1	Acrylonitrile	4.4	U
75-34-3	1,1-Dichloroethane	1.8	U
67-64-1	Acetone	8.8	U
594-20-7	2,2-Dichloropropane	1.8	U
156-59-2	cis-1,2-Dichloroethene	1.8	U
74-97-5	Bromochloromethane	1.8	U
78-93-3	2-Butanone	8.8	U
67-66-3	Chloroform	1.8	U
71-55-6	1,1,1-Trichloroethane	1.8	U
56-23-5	Carbon tetrachloride	1.8	U
563-58-6	1,1-Dichloropropene	1.8	U
71-43-2	Benzene	1.8	U
107-06-2	1,2-Dichloroethane	1.8	U
79-01-6	Trichloroethene	1.8	U
108-05-4	Vinyl acetate	3.5	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-07

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746107 Lab File ID: 46107.D

Sample wt/vol: 6.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1108

PercentSolids: 94.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1.8	U
74-95-3	Dibromomethane	1.8	U
75-27-4	Bromodichloromethane	1.8	U
10061-01-5	cis-1,3-Dichloropropene	1.8	U
108-10-1	4-Methyl-2-pentanone	3.5	U
108-88-3	Toluene	1.8	U
10061-02-6	trans-1,3-Dichloropropene	1.8	U
79-00-5	1,1,2-Trichloroethane	1.8	U
127-18-4	Tetrachloroethene	4.4	U
142-28-9	1,3-Dichloropropane	1.8	U
591-78-6	2-Hexanone	3.5	U
124-48-1	Dibromochloromethane	1.8	U
106-93-4	1,2-Dibromoethane(EDB)	1.8	U
108-90-7	Chlorobenzene	1.8	U
630-20-6	1,1,1,2-Tetrachloroethane	1.8	U
100-41-4	Ethylbenzene	1.8	U
511-39-00	p,m-Xylene	3.5	U
95-47-6	o-Xylene	1.8	U
100-42-5	Styrene	1.8	U
75-25-2	Bromoform	4.4	U
98-82-8	Isopropylbenzene (Cumene)	1.8	U
108-86-1	Bromobenzene	1.8	U
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U
96-18-4	1,2,3-Trichloropropane	1.8	U
103-65-1	n-Propylbenzene	1.8	U
95-49-8	2-Chlorotoluene	1.8	U
106-43-4	4-Chlorotoluene	1.8	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-07

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746107 Lab File ID: 46107.D

Sample wt/vol: 6.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1108

PercentSolids: 94.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1.8	U
98-06-6	tert-Butylbenzene	1.8	U
95-63-6	1,2,4-Trimethylbenzene	1.8	U
135-98-8	sec-Butylbenzene	1.8	U
541-73-1	1,3-Dichlorobenzene	1.8	U
106-46-7	1,4-Dichlorobenzene	1.8	U
99-87-6	4-Isopropyltoluene	1.8	U
104-51-8	n-Butylbenzene	1.8	U
95-50-1	1,2-Dichlorobenzene	1.8	U
96-12-8	1,2-Dibromo-3-chloropropane	8.8	U
120-82-1	1,2,4-Trichlorobenzene	1.8	U
87-68-3	Hexachlorobutadiene	2.6	U
91-20-3	Naphthalene	1.8	U
87-61-6	1,2,3-Trichlorobenzene	1.8	U
1634-04-4	MTBE	1.8	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746108 Lab File ID: 46108R.D

Sample wt/vol: 5.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1513

PercentSolids: 95.9 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1.9	U
74-87-3	Chloromethane	1.9	U
75-01-4	Vinyl chloride	1.9	U
74-83-9	Bromomethane	1.9	U
75-00-3	Chloroethane	4.7	U
75-69-4	Trichlorofluoromethane	1.9	U
75-35-4	1,1-Dichloroethene	1.9	U
107-02-8	Acrolein	23.5	U
74-88-4	Methyl iodide	1.9	U
75-15-0	Carbon disulfide	1.9	U
75-09-2	Methylene chloride	4.7	U
156-60-5	trans-1,2-Dichloroethene	1.9	U
107-13-1	Acrylonitrile	4.7	U
75-34-3	1,1-Dichloroethane	1.9	U
67-64-1	Acetone	9.4	U
594-20-7	2,2-Dichloropropane	1.9	U
156-59-2	cis-1,2-Dichloroethene	1.9	U
74-97-5	Bromochloromethane	1.9	U
78-93-3	2-Butanone	9.4	U
67-66-3	Chloroform	1.9	U
71-55-6	1,1,1-Trichloroethane	1.9	U
56-23-5	Carbon tetrachloride	1.9	U
563-58-6	1,1-Dichloropropene	1.9	U
71-43-2	Benzene	1.9	U
107-06-2	1,2-Dichloroethane	1.9	U
79-01-6	Trichloroethene	1.9	U
108-05-4	Vinyl acetate	3.8	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746108 Lab File ID: 46108R.D

Sample wt/vol: 5.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1513

PercentSolids: 95.9 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1.9	U
74-95-3	Dibromomethane	1.9	U
75-27-4	Bromodichloromethane	1.9	U
10061-01-5	cis-1,3-Dichloropropene	1.9	U
108-10-1	4-Methyl-2-pentanone	3.8	U
108-88-3	Toluene	1.9	U
10061-02-6	trans-1,3-Dichloropropene	1.9	U
79-00-5	1,1,2-Trichloroethane	1.9	U
127-18-4	Tetrachloroethene	4.7	U
142-28-9	1,3-Dichloropropane	1.9	U
591-78-6	2-Hexanone	3.8	U
124-48-1	Dibromochloromethane	1.9	U
106-93-4	1,2-Dibromoethane(EDB)	1.9	U
108-90-7	Chlorobenzene	1.9	U
630-20-6	1,1,1,2-Tetrachloroethane	1.9	U
100-41-4	Ethylbenzene	1.9	U
511-39-00	p,m-Xylene	3.8	U
95-47-6	o-Xylene	1.9	U
100-42-5	Styrene	1.9	U
75-25-2	Bromoform	4.7	U
98-82-8	Isopropylbenzene (Cumene)	1.9	U
108-86-1	Bromobenzene	1.9	U
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U
96-18-4	1,2,3-Trichloropropane	1.9	U
103-65-1	n-Propylbenzene	1.9	U
95-49-8	2-Chlorotoluene	1.9	U
106-43-4	4-Chlorotoluene	1.9	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746108 Lab File ID: 46108R.D

Sample wt/vol: 5.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1513

PercentSolids: 95.9 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1.9	U
98-06-6	tert-Butylbenzene	1.9	U
95-63-6	1,2,4-Trimethylbenzene	1.9	U
135-98-8	sec-Butylbenzene	1.9	U
541-73-1	1,3-Dichlorobenzene	1.9	U
106-46-7	1,4-Dichlorobenzene	1.9	U
99-87-6	4-Isopropyltoluene	1.9	U
104-51-8	n-Butylbenzene	1.9	U
95-50-1	1,2-Dichlorobenzene	1.9	U
96-12-8	1,2-Dibromo-3-chloropropane	9.4	U
120-82-1	1,2,4-Trichlorobenzene	1.9	U
87-68-3	Hexachlorobutadiene	2.8	U
91-20-3	Naphthalene	1.9	U
87-61-6	1,2,3-Trichlorobenzene	1.9	U
1634-04-4	MTBE	1.9	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-09

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746109 Lab File ID: 46109.D

Sample wt/vol: 6.56 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1203

PercentSolids: 94.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1.6	U
74-87-3	Chloromethane	1.6	U
75-01-4	Vinyl chloride	1.6	U
74-83-9	Bromomethane	1.6	U
75-00-3	Chloroethane	4	U
75-69-4	Trichlorofluoromethane	1.6	U
75-35-4	1,1-Dichloroethene	1.6	U
107-02-8	Acrolein	20.2	U
74-88-4	Methyl iodide	1.6	U
75-15-0	Carbon disulfide	1.6	U
75-09-2	Methylene chloride	4	U
156-60-5	trans-1,2-Dichloroethene	1.6	U
107-13-1	Acrylonitrile	4	U
75-34-3	1,1-Dichloroethane	1.6	U
67-64-1	Acetone	8.1	U
594-20-7	2,2-Dichloropropane	1.6	U
156-59-2	cis-1,2-Dichloroethene	1.6	U
74-97-5	Bromochloromethane	1.6	U
78-93-3	2-Butanone	8.1	U
67-66-3	Chloroform	1.6	U
71-55-6	1,1,1-Trichloroethane	1.6	U
56-23-5	Carbon tetrachloride	1.6	U
563-58-6	1,1-Dichloropropene	1.6	U
71-43-2	Benzene	1.6	U
107-06-2	1,2-Dichloroethane	1.6	U
79-01-6	Trichloroethene	1.6	U
108-05-4	Vinyl acetate	3.2	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-09

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746109 Lab File ID: 46109.D

Sample wt/vol: 6.56 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1203

PercentSolids: 94.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1.6	U
74-95-3	Dibromomethane	1.6	U
75-27-4	Bromodichloromethane	1.6	U
10061-01-5	cis-1,3-Dichloropropene	1.6	U
108-10-1	4-Methyl-2-pentanone	3.2	U
108-88-3	Toluene	1.6	U
10061-02-6	trans-1,3-Dichloropropene	1.6	U
79-00-5	1,1,2-Trichloroethane	1.6	U
127-18-4	Tetrachloroethene	4	U
142-28-9	1,3-Dichloropropane	1.6	U
591-78-6	2-Hexanone	3.2	U
124-48-1	Dibromochloromethane	1.6	U
106-93-4	1,2-Dibromoethane(EDB)	1.6	U
108-90-7	Chlorobenzene	1.6	U
630-20-6	1,1,1,2-Tetrachloroethane	1.6	U
100-41-4	Ethylbenzene	1.6	U
511-39-00	p,m-Xylene	3.2	U
95-47-6	o-Xylene	1.6	U
100-42-5	Styrene	1.6	U
75-25-2	Bromoform	4	U
98-82-8	Isopropylbenzene (Cumene)	1.6	U
108-86-1	Bromobenzene	1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U
96-18-4	1,2,3-Trichloropropane	1.6	U
103-65-1	n-Propylbenzene	1.6	U
95-49-8	2-Chlorotoluene	1.6	U
106-43-4	4-Chlorotoluene	1.6	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-09

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746109 Lab File ID: 46109.D

Sample wt/vol: 6.56 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1203

PercentSolids: 94.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1.6	U
98-06-6	tert-Butylbenzene	1.6	U
95-63-6	1,2,4-Trimethylbenzene	1.6	U
135-98-8	sec-Butylbenzene	1.6	U
541-73-1	1,3-Dichlorobenzene	1.6	U
106-46-7	1,4-Dichlorobenzene	1.6	U
99-87-6	4-Isopropyltoluene	1.6	U
104-51-8	n-Butylbenzene	1.6	U
95-50-1	1,2-Dichlorobenzene	1.6	U
96-12-8	1,2-Dibromo-3-chloropropane	8.1	U
120-82-1	1,2,4-Trichlorobenzene	1.6	U
87-68-3	Hexachlorobutadiene	2.4	U
91-20-3	Naphthalene	1.6	U
87-61-6	1,2,3-Trichlorobenzene	1.6	U
1634-04-4	MTBE	1.6	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746110 Lab File ID: 46110M.D

Sample wt/vol: 4.67 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1539

PercentSolids: 86.6 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	247	U
74-87-3	Chloromethane	247	U
75-01-4	Vinyl chloride	247	U
74-83-9	Bromomethane	247	U
75-00-3	Chloroethane	618	U
75-69-4	Trichlorofluoromethane	247	U
75-35-4	1,1-Dichloroethene	247	U
107-02-8	Acrolein	3090	U
74-88-4	Methyl iodide	247	U
75-15-0	Carbon disulfide	247	U
75-09-2	Methylene chloride	618	U
156-60-5	trans-1,2-Dichloroethene	247	U
107-13-1	Acrylonitrile	618	U
75-34-3	1,1-Dichloroethane	247	U
67-64-1	Acetone	2340	
594-20-7	2,2-Dichloropropane	247	U
156-59-2	cis-1,2-Dichloroethene	247	U
74-97-5	Bromochloromethane	247	U
78-93-3	2-Butanone	1240	U
67-66-3	Chloroform	247	U
71-55-6	1,1,1-Trichloroethane	247	U
56-23-5	Carbon tetrachloride	247	U
563-58-6	1,1-Dichloropropene	247	U
71-43-2	Benzene	247	U
107-06-2	1,2-Dichloroethane	247	U
79-01-6	Trichloroethene	247	U
108-05-4	Vinyl acetate	494	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746110 Lab File ID: 46110M.D

Sample wt/vol: 4.67 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1539

PercentSolids: 86.6 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	247	U
74-95-3	Dibromomethane	247	U
75-27-4	Bromodichloromethane	247	U
10061-01-5	cis-1,3-Dichloropropene	247	U
108-10-1	4-Methyl-2-pentanone	494	U
108-88-3	Toluene	247	U
10061-02-6	trans-1,3-Dichloropropene	247	U
79-00-5	1,1,2-Trichloroethane	247	U
127-18-4	Tetrachloroethene	618	U
142-28-9	1,3-Dichloropropane	247	U
591-78-6	2-Hexanone	494	U
124-48-1	Dibromochloromethane	247	U
106-93-4	1,2-Dibromoethane(EDB)	247	U
108-90-7	Chlorobenzene	247	U
630-20-6	1,1,1,2-Tetrachloroethane	247	U
100-41-4	Ethylbenzene	247	U
511-39-00	p,m-Xylene	494	U
95-47-6	o-Xylene	247	U
100-42-5	Styrene	247	U
75-25-2	Bromoform	618	U
98-82-8	Isopropylbenzene (Cumene)	247	U
108-86-1	Bromobenzene	247	U
79-34-5	1,1,2,2-Tetrachloroethane	247	U
96-18-4	1,2,3-Trichloropropane	247	U
103-65-1	n-Propylbenzene	247	U
95-49-8	2-Chlorotoluene	247	U
106-43-4	4-Chlorotoluene	247	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746110 Lab File ID: 46110M.D

Sample wt/vol: 4.67 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1539

PercentSolids: 86.6 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	247	U
98-06-6	tert-Butylbenzene	247	U
95-63-6	1,2,4-Trimethylbenzene	247	U
135-98-8	sec-Butylbenzene	247	U
541-73-1	1,3-Dichlorobenzene	247	U
106-46-7	1,4-Dichlorobenzene	247	U
99-87-6	4-Isopropyltoluene	247	U
104-51-8	n-Butylbenzene	247	U
95-50-1	1,2-Dichlorobenzene	247	U
96-12-8	1,2-Dibromo-3-chloropropane	1240	U
120-82-1	1,2,4-Trichlorobenzene	247	U
87-68-3	Hexachlorobutadiene	371	U
91-20-3	Naphthalene	247	U
87-61-6	1,2,3-Trichlorobenzene	247	U
1634-04-4	MTBE	247	U

QC Summary

080907 1018

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082807BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 082807BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1239

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2	U
74-87-3	Chloromethane	2	U
75-01-4	Vinyl chloride	2	U
74-83-9	Bromomethane	2	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	2	U
75-35-4	1,1-Dichloroethene	2	U
107-02-8	Acrolein	25	U
74-88-4	Methyl iodide	2	U
75-15-0	Carbon disulfide	2	U
75-09-2	Methylene chloride	5	U
156-60-5	trans-1,2-Dichloroethene	2	U
107-13-1	Acrylonitrile	5	U
75-34-3	1,1-Dichloroethane	2	U
67-64-1	Acetone	10	U
594-20-7	2,2-Dichloropropane	2	U
156-59-2	cis-1,2-Dichloroethene	2	U
74-97-5	Bromochloromethane	2	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	2	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon tetrachloride	2	U
563-58-6	1,1-Dichloropropene	2	U
71-43-2	Benzene	2	U
107-06-2	1,2-Dichloroethane	2	U
79-01-6	Trichloroethene	2	U
108-05-4	Vinyl acetate	4	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082807BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 082807BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1239

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2	U
74-95-3	Dibromomethane	2	U
75-27-4	Bromodichloromethane	2	U
10061-01-5	cis-1,3-Dichloropropene	2	U
108-10-1	4-Methyl-2-pentanone	4	U
108-88-3	Toluene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
79-00-5	1,1,2-Trichloroethane	2	U
127-18-4	Tetrachloroethene	5	U
142-28-9	1,3-Dichloropropane	2	U
591-78-6	2-Hexanone	4	U
124-48-1	Dibromochloromethane	2	U
106-93-4	1,2-Dibromoethane(EDB)	2	U
108-90-7	Chlorobenzene	2	U
630-20-6	1,1,1,2-Tetrachloroethane	2	U
100-41-4	Ethylbenzene	2	U
511-39-00	p,m-Xylene	4	U
95-47-6	o-Xylene	2	U
100-42-5	Styrene	2	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene (Cumene)	2	U
108-86-1	Bromobenzene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U
96-18-4	1,2,3-Trichloropropane	2	U
103-65-1	n-Propylbenzene	2	U
95-49-8	2-Chlorotoluene	2	U
106-43-4	4-Chlorotoluene	2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082807BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 082807BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/28/07 Time: 1239

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2	U
98-06-6	tert-Butylbenzene	2	U
95-63-6	1,2,4-Trimethylbenzene	2	U
135-98-8	sec-Butylbenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
99-87-6	4-Isopropyltoluene	2	U
104-51-8	n-Butylbenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	2	U
87-68-3	Hexachlorobutadiene	3	U
91-20-3	Naphthalene	2	U
87-61-6	1,2,3-Trichlorobenzene	2	U
1634-04-4	MTBE	2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 083007BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1042

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2	U
74-87-3	Chloromethane	2	U
75-01-4	Vinyl chloride	2	U
74-83-9	Bromomethane	2	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	2	U
75-35-4	1,1-Dichloroethene	2	U
107-02-8	Acrolein	25	U
74-88-4	Methyl iodide	2	U
75-15-0	Carbon disulfide	2	U
75-09-2	Methylene chloride	5	U
156-60-5	trans-1,2-Dichloroethene	2	U
107-13-1	Acrylonitrile	5	U
75-34-3	1,1-Dichloroethane	2	U
67-64-1	Acetone	10	U
594-20-7	2,2-Dichloropropane	2	U
156-59-2	cis-1,2-Dichloroethene	2	U
74-97-5	Bromochloromethane	2	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	2	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon tetrachloride	2	U
563-58-6	1,1-Dichloropropene	2	U
71-43-2	Benzene	2	U
107-06-2	1,2-Dichloroethane	2	U
79-01-6	Trichloroethene	2	U
108-05-4	Vinyl acetate	4	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 083007BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1042

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2	U
74-95-3	Dibromomethane	2	U
75-27-4	Bromodichloromethane	2	U
10061-01-5	cis-1,3-Dichloropropene	2	U
108-10-1	4-Methyl-2-pentanone	4	U
108-88-3	Toluene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
79-00-5	1,1,2-Trichloroethane	2	U
127-18-4	Tetrachloroethene	5	U
142-28-9	1,3-Dichloropropane	2	U
591-78-6	2-Hexanone	4	U
124-48-1	Dibromochloromethane	2	U
106-93-4	1,2-Dibromoethane(EDB)	2	U
108-90-7	Chlorobenzene	2	U
630-20-6	1,1,1,2-Tetrachloroethane	2	U
100-41-4	Ethylbenzene	2	U
511-39-00	p,m-Xylene	4	U
95-47-6	o-Xylene	2	U
100-42-5	Styrene	2	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene (Cumene)	2	U
108-86-1	Bromobenzene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U
96-18-4	1,2,3-Trichloropropane	2	U
103-65-1	n-Propylbenzene	2	U
95-49-8	2-Chlorotoluene	2	U
106-43-4	4-Chlorotoluene	2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 083007BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1042

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2	U
98-06-6	tert-Butylbenzene	2	U
95-63-6	1,2,4-Trimethylbenzene	2	U
135-98-8	sec-Butylbenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
99-87-6	4-Isopropyltoluene	2	U
104-51-8	n-Butylbenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	2	U
87-68-3	Hexachlorobutadiene	3	U
91-20-3	Naphthalene	2	U
87-61-6	1,2,3-Trichlorobenzene	2	U
1634-04-4	MTBE	2	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082807LCS12

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	20	20.8	104.0		30.0	45 - 128
Chloromethane	20	19.8	99.0		30.0	70 - 130
Vinyl chloride	20	18.7	93.5		30.0	70 - 130
Bromomethane	20	18.5	92.5		30.0	39 - 148
Chloroethane	20	16.2	81.0		30.0	55 - 139
Trichlorofluoromethane	20	19.2	96.0		30.0	70 - 130
1,1-Dichloroethene	20	19.5	97.5		30.0	70 - 130
Acrolein	60	52.8	88.0		30.0	69 - 130
Methyl iodide	20	20.8	104.0		30.0	55 - 133
Carbon disulfide	20	19.4	97.0		30.0	65 - 130
Methylene chloride	20	21.4	107.0		30.0	70 - 130
trans-1,2-Dichloroethene	20	21	105.0		30.0	70 - 130
Acrylonitrile	60	58.6	97.7		30.0	70 - 130
1,1-Dichloroethane	20	20.4	102.0		30.0	70 - 130
Acetone	60	61.2	102.0		30.0	58 - 133
2,2-Dichloropropane	20	20.4	102.0		30.0	70 - 130
cis-1,2-Dichloroethene	20	21.1	106.0		30.0	70 - 130
Bromochloromethane	20	21.4	107.0		30.0	70 - 130
2-Butanone	60	59.8	99.7		30.0	70 - 130
Chloroform	20	20.8	104.0		30.0	70 - 130
1,1,1-Trichloroethane	20	21.4	107.0		30.0	70 - 130
Carbon tetrachloride	20	19.9	99.5		30.0	70 - 130
1,1-Dichloropropene	20	20.3	102.0		30.0	70 - 130
Benzene	20	20.3	102.0		30.0	70 - 130
1,2-Dichloroethane	20	20.3	102.0		30.0	70 - 130
Trichloroethene	20	21.4	107.0		30.0	70 - 130
Vinyl acetate	20	16.2	81.0		30.0	70 - 130
1,2-Dichloropropane	20	20.9	104.0		30.0	70 - 130
Dibromomethane	20	20.2	101.0		30.0	70 - 130
Bromodichloromethane	20	21.3	106.0		30.0	70 - 130
cis-1,3-Dichloropropene	20	21	105.0		30.0	70 - 130
4-Methyl-2-pentanone	60	57.4	95.7		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

082807LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	20	20.8	104.0		30.0	70 - 130
trans-1,3-Dichloropropene	20	20.1	100.0		30.0	70 - 130
1,1,2-Trichloroethane	20	19.8	99.0		30.0	70 - 130
Tetrachloroethene	20	19.1	95.5		30.0	70 - 130
1,3-Dichloropropane	20	20.8	104.0		30.0	70 - 130
2-Hexanone	60	61.6	103.0		30.0	70 - 130
Dibromochloromethane	20	20.3	102.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	20	20.1	100.0		30.0	70 - 130
Chlorobenzene	20	21.3	106.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	20	20.8	104.0		30.0	70 - 130
Ethylbenzene	20	20.1	100.0		30.0	70 - 130
p,m-Xylene	40	40	100.0		30.0	70 - 130
o-Xylene	20	20.7	104.0		30.0	70 - 130
Styrene	20	20.6	103.0		30.0	70 - 130
Bromoform	20	21	105.0		30.0	70 - 130
Isopropylbenzene (Cumene)	20	20.1	100.0		30.0	70 - 130
Bromobenzene	20	22.8	114.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	20	21.2	106.0		30.0	70 - 130
1,2,3-Trichloropropane	20	22.3	112.0		30.0	70 - 130
n-Propylbenzene	20	21.1	106.0		30.0	70 - 130
2-Chlorotoluene	20	20.3	102.0		30.0	70 - 130
4-Chlorotoluene	20	21.1	106.0		30.0	70 - 130
1,3,5-Trimethylbenzene	20	21.2	106.0		30.0	70 - 130
tert-Butylbenzene	20	20.1	100.0		30.0	70 - 130
1,2,4-Trimethylbenzene	20	21	105.0		30.0	70 - 130
sec-Butylbenzene	20	21	105.0		30.0	70 - 130
1,3-Dichlorobenzene	20	21.9	110.0		30.0	70 - 130
1,4-Dichlorobenzene	20	22.9	114.0		30.0	70 - 130
4-Isopropyltoluene	20	21.4	107.0		30.0	70 - 130
n-Butylbenzene	20	21.8	109.0		30.0	70 - 130
1,2-Dichlorobenzene	20	22.4	112.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	20	22.6	113.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082807LCS12

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	20	22.6	113.0		30.0	65 - 130
Hexachlorobutadiene	20	21.4	107.0		30.0	70 - 130
Naphthalene	20	24.5	122.0		30.0	70 - 130
1,2,3-Trichlorobenzene	20	22.6	113.0		30.0	70 - 130
MTBE	20	21.7	108.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

083007LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	20	18	90.0		30.0	45 - 128
Chloromethane	20	17.5	87.5		30.0	70 - 130
Vinyl chloride	20	18.1	90.5		30.0	70 - 130
Bromomethane	20	10.9	54.5		30.0	39 - 148
Chloroethane	20	15.5	77.5		30.0	55 - 139
Trichlorofluoromethane	20	18.8	94.0		30.0	70 - 130
1,1-Dichloroethene	20	19	95.0		30.0	70 - 130
Acrolein	60	37.8	63.0 *		30.0	69 - 130
Methyl iodide	20	19.2	96.0		30.0	55 - 133
Carbon disulfide	20	19.8	99.0		30.0	65 - 130
Methylene chloride	20	18.1	90.5		30.0	70 - 130
trans-1,2-Dichloroethene	20	20	100.0		30.0	70 - 130
Acrylonitrile	60	44.3	73.8		30.0	70 - 130
1,1-Dichloroethane	20	20.7	104.0		30.0	70 - 130
Acetone	60	77.8	130.0		30.0	58 - 133
2,2-Dichloropropane	20	19.9	99.5		30.0	70 - 130
cis-1,2-Dichloroethene	20	21.4	107.0		30.0	70 - 130
Bromochloromethane	20	20.6	103.0		30.0	70 - 130
2-Butanone	60	56.5	94.2		30.0	70 - 130
Chloroform	20	20.4	102.0		30.0	70 - 130
1,1,1-Trichloroethane	20	21.3	106.0		30.0	70 - 130
Carbon tetrachloride	20	21.9	110.0		30.0	70 - 130
1,1-Dichloropropene	20	20.8	104.0		30.0	70 - 130
Benzene	20	20.6	103.0		30.0	70 - 130
1,2-Dichloroethane	20	19	95.0		30.0	70 - 130
Trichloroethene	20	22.4	112.0		30.0	70 - 130
Vinyl acetate	20	17.7	88.5		30.0	70 - 130
1,2-Dichloropropane	20	20.3	102.0		30.0	70 - 130
Dibromomethane	20	18.9	94.5		30.0	70 - 130
Bromodichloromethane	20	20.9	104.0		30.0	70 - 130
cis-1,3-Dichloropropene	20	20.7	104.0		30.0	70 - 130
4-Methyl-2-pentanone	60	42.8	71.3		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

083007LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	20	20.4	102.0		30.0	70 - 130
trans-1,3-Dichloropropene	20	19.4	97.0		30.0	70 - 130
1,1,2-Trichloroethane	20	19.8	99.0		30.0	70 - 130
Tetrachloroethene	20	20.1	100.0		30.0	70 - 130
1,3-Dichloropropane	20	18.7	93.5		30.0	70 - 130
2-Hexanone	60	53.1	88.5		30.0	70 - 130
Dibromochloromethane	20	19.8	99.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	20	19.9	99.5		30.0	70 - 130
Chlorobenzene	20	21.4	107.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	20	21.3	106.0		30.0	70 - 130
Ethylbenzene	20	19.9	99.5		30.0	70 - 130
p,m-Xylene	40	40.2	100.0		30.0	70 - 130
o-Xylene	20	20.2	101.0		30.0	70 - 130
Styrene	20	22	110.0		30.0	70 - 130
Bromoform	20	20	100.0		30.0	70 - 130
Isopropylbenzene (Cumene)	20	20	100.0		30.0	70 - 130
Bromobenzene	20	21.2	106.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	20	18.5	92.5		30.0	70 - 130
1,2,3-Trichloropropane	20	20	100.0		30.0	70 - 130
n-Propylbenzene	20	20.5	102.0		30.0	70 - 130
2-Chlorotoluene	20	21.2	106.0		30.0	70 - 130
4-Chlorotoluene	20	21.4	107.0		30.0	70 - 130
1,3,5-Trimethylbenzene	20	21.3	106.0		30.0	70 - 130
tert-Butylbenzene	20	19.4	97.0		30.0	70 - 130
1,2,4-Trimethylbenzene	20	21.8	109.0		30.0	70 - 130
sec-Butylbenzene	20	20.5	102.0		30.0	70 - 130
1,3-Dichlorobenzene	20	21.3	106.0		30.0	70 - 130
1,4-Dichlorobenzene	20	21.7	108.0		30.0	70 - 130
4-Isopropyltoluene	20	22	110.0		30.0	70 - 130
n-Butylbenzene	20	22	110.0		30.0	70 - 130
1,2-Dichlorobenzene	20	21.1	106.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	20	21.4	107.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

083007LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	20	20.4	102.0		30.0	65 - 130
Hexachlorobutadiene	20	21.6	108.0		30.0	70 - 130
Naphthalene	20	23.8	119.0		30.0	70 - 130
1,2,3-Trichlorobenzene	20	20.2	101.0		30.0	70 - 130
MTBE	20	20.8	104.0		30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 083007LCS12D

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	20	18	90.0	0.0	30.0	45 - 128
Chloromethane	20	17.4	87.0	0.6	30.0	70 - 130
Vinyl chloride	20	17	85.0	6.3	30.0	70 - 130
Bromomethane	20	12.6	63.0	14.5	30.0	39 - 148
Chloroethane	20	17	85.0	9.2	30.0	55 - 139
Trichlorofluoromethane	20	17.2	86.0	8.9	30.0	70 - 130
1,1-Dichloroethene	20	18.6	93.0	2.1	30.0	70 - 130
Acrolein	60	40.5	67.5 *	6.9	30.0	69 - 130
Methyl iodide	20	18.6	93.0	3.2	30.0	55 - 133
Carbon disulfide	20	18.7	93.5	5.7	30.0	65 - 130
Methylene chloride	20	19	95.0	4.9	30.0	70 - 130
trans-1,2-Dichloroethene	20	18.7	93.5	6.7	30.0	70 - 130
Acrylonitrile	60	47.7	79.5	7.4	30.0	70 - 130
1,1-Dichloroethane	20	20.4	102.0	1.5	30.0	70 - 130
Acetone	60	84.4	141.0 *	8.1	30.0	58 - 133
2,2-Dichloropropane	20	18.8	94.0	5.7	30.0	70 - 130
cis-1,2-Dichloroethene	20	20.5	102.0	4.3	30.0	70 - 130
Bromochloromethane	20	21.6	108.0	4.7	30.0	70 - 130
2-Butanone	60	63.8	106.0	12.1	30.0	70 - 130
Chloroform	20	20.9	104.0	2.4	30.0	70 - 130
1,1,1-Trichloroethane	20	20.1	100.0	5.8	30.0	70 - 130
Carbon tetrachloride	20	19.2	96.0	13.1	30.0	70 - 130
1,1-Dichloropropene	20	18.9	94.5	9.6	30.0	70 - 130
Benzene	20	20.1	100.0	2.5	30.0	70 - 130
1,2-Dichloroethane	20	19.8	99.0	4.1	30.0	70 - 130
Trichloroethene	20	21	105.0	6.5	30.0	70 - 130
Vinyl acetate	20	17.1	85.5	3.4	30.0	70 - 130
1,2-Dichloropropane	20	20.7	104.0	2.0	30.0	70 - 130
Dibromomethane	20	20.1	100.0	6.2	30.0	70 - 130
Bromodichloromethane	20	21	105.0	0.5	30.0	70 - 130
cis-1,3-Dichloropropene	20	20.5	102.0	1.0	30.0	70 - 130
4-Methyl-2-pentanone	60	43.6	72.7	1.9	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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080907 1018

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 083007LCS12D

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	20	19.9	99.5	2.5	30.0	70 - 130
trans-1,3-Dichloropropene	20	20.5	102.0	5.5	30.0	70 - 130
1,1,2-Trichloroethane	20	20	100.0	1.0	30.0	70 - 130
Tetrachloroethene	20	19.5	97.5	3.0	30.0	70 - 130
1,3-Dichloropropane	20	20.5	102.0	9.2	30.0	70 - 130
2-Hexanone	60	58.2	97.0	9.2	30.0	70 - 130
Dibromochloromethane	20	20	100.0	1.0	30.0	70 - 130
1,2-Dibromoethane(EDB)	20	19.4	97.0	2.5	30.0	70 - 130
Chlorobenzene	20	20.6	103.0	3.8	30.0	70 - 130
1,1,1,2-Tetrachloroethane	20	19.2	96.0	10.4	30.0	70 - 130
Ethylbenzene	20	19.4	97.0	2.5	30.0	70 - 130
p,m-Xylene	40	38.3	95.8	4.8	30.0	70 - 130
o-Xylene	20	19.6	98.0	3.0	30.0	70 - 130
Styrene	20	21.7	108.0	1.4	30.0	70 - 130
Bromoform	20	20.1	100.0	0.5	30.0	70 - 130
Isopropylbenzene (Cumene)	20	17.8	89.0	11.6	30.0	70 - 130
Bromobenzene	20	19.7	98.5	7.3	30.0	70 - 130
1,1,2,2-Tetrachloroethane	20	18.5	92.5	0.0	30.0	70 - 130
1,2,3-Trichloropropane	20	19.5	97.5	2.5	30.0	70 - 130
n-Propylbenzene	20	18.2	91.0	11.9	30.0	70 - 130
2-Chlorotoluene	20	19.1	95.5	10.4	30.0	70 - 130
4-Chlorotoluene	20	19.2	96.0	10.8	30.0	70 - 130
1,3,5-Trimethylbenzene	20	19.1	95.5	10.9	30.0	70 - 130
tert-Butylbenzene	20	20.3	102.0	4.5	30.0	70 - 130
1,2,4-Trimethylbenzene	20	19.3	96.5	12.2	30.0	70 - 130
sec-Butylbenzene	20	18.3	91.5	11.3	30.0	70 - 130
1,3-Dichlorobenzene	20	20.4	102.0	4.3	30.0	70 - 130
1,4-Dichlorobenzene	20	20.3	102.0	6.7	30.0	70 - 130
4-Isopropyltoluene	20	20.3	102.0	8.0	30.0	70 - 130
n-Butylbenzene	20	20.8	104.0	5.6	30.0	70 - 130
1,2-Dichlorobenzene	20	20.6	103.0	2.4	30.0	70 - 130
1,2-Dibromo-3-chloropropane	20	20.5	102.0	4.3	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

083007LCS12D

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	20	20.5	102.0	0.5	30.0	65 - 130
Hexachlorobutadiene	20	20	100.0	7.7	30.0	70 - 130
Naphthalene	20	22.7	114.0	4.7	30.0	70 - 130
1,2,3-Trichlorobenzene	20	20.9	104.0	3.4	30.0	70 - 130
MTBE	20	21.2	106.0	1.9	30.0	70 - 130

Spike Recovery: 2 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090607LCSA21

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1980	99.0		30.0	45 - 128
Chloromethane	2000	1880	94.0		30.0	70 - 130
Vinyl chloride	2000	1830	91.5		30.0	70 - 130
Bromomethane	2000	1890	94.5		30.0	39 - 148
Chloroethane	2000	1840	92.0		30.0	55 - 139
Trichlorofluoromethane	2000	2080	104.0		30.0	70 - 130
1,1-Dichloroethene	2000	1900	95.0		30.0	70 - 130
Acrolein	6000	5880	98.0		30.0	69 - 130
Methyl iodide	2000	1940	97.0		30.0	55 - 133
Carbon disulfide	2000	2420	121.0		30.0	65 - 130
Methylene chloride	2000	2010	100.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	1870	93.5		30.0	70 - 130
Acrylonitrile	6000	5990	99.8		30.0	70 - 130
1,1-Dichloroethane	2000	2010	100.0		30.0	70 - 130
Acetone	6000	5860	97.7		30.0	58 - 133
2,2-Dichloropropane	2000	2180	109.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2010	100.0		30.0	70 - 130
Bromochloromethane	2000	1980	99.0		30.0	70 - 130
2-Butanone	6000	5440	90.7		30.0	70 - 130
Chloroform	2000	2100	105.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1960	98.0		30.0	70 - 130
Carbon tetrachloride	2000	1930	96.5		30.0	70 - 130
1,1-Dichloropropene	2000	1900	95.0		30.0	70 - 130
Benzene	2000	1930	96.5		30.0	70 - 130
1,2-Dichloroethane	2000	2060	103.0		30.0	70 - 130
Trichloroethene	2000	2020	101.0		30.0	70 - 130
Vinyl acetate	2000	2070	104.0		30.0	70 - 130
1,2-Dichloropropane	2000	2030	102.0		30.0	70 - 130
Dibromomethane	2000	2020	101.0		30.0	70 - 130
Bromodichloromethane	2000	2010	100.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2080	104.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6010	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090607LCSA21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2020	101.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2030	102.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2030	102.0		30.0	70 - 130
Tetrachloroethene	2000	1950	97.5		30.0	70 - 130
1,3-Dichloropropane	2000	1910	95.5		30.0	70 - 130
2-Hexanone	6000	5350	89.2		30.0	70 - 130
Dibromochloromethane	2000	1970	98.5		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1980	99.0		30.0	70 - 130
Chlorobenzene	2000	1990	99.5		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2120	106.0		30.0	70 - 130
Ethylbenzene	2000	1900	95.0		30.0	70 - 130
p,m-Xylene	4000	3960	99.0		30.0	70 - 130
o-Xylene	2000	2020	101.0		30.0	70 - 130
Styrene	2000	2290	114.0		30.0	70 - 130
Bromoform	2000	1800	90.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2010	100.0		30.0	70 - 130
Bromobenzene	2000	2050	102.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1940	97.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2040	102.0		30.0	70 - 130
n-Propylbenzene	2000	1900	95.0		30.0	70 - 130
2-Chlorotoluene	2000	2070	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2090	104.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2120	106.0		30.0	70 - 130
tert-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2090	104.0		30.0	70 - 130
sec-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2040	102.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1970	98.5		30.0	70 - 130
4-Isopropyltoluene	2000	1980	99.0		30.0	70 - 130
n-Butylbenzene	2000	1990	99.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	2030	102.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2040	102.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090607LCSA21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1780	89.0		30.0	65 - 130
Hexachlorobutadiene	2000	1780	89.0		30.0	70 - 130
Naphthalene	2000	2000	100.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1950	97.5		30.0	70 - 130
MTBE	2000	2110	106.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

080907 1018

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507461

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPP-SS-08 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 23.2 % with criteria of (25-121).

PEL Lab Reference No./SDG: 2507461

Client: T N & Associates, Inc.

Sample NPP-SS-10 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 17.8 % with criteria of (25-121).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3394LCS was analyzed with the soil samples extracted on 08/30/07. The following analyte(s) were recovered below criteria: 2,4-Dinitrophenol at 28.4 % with criteria of (29-130), 2,4-Dinitrotoluene at 74 % with criteria of (77-115), 2,6-Dinitrotoluene at 70.5 % with criteria of (73-110), 2-Methylnaphthalene at 71.9 % with criteria of (72-105), 3,3'-Dichlorobenzidine at 40.9 % with criteria of (41-130), 4-Nitroaniline at 67.8 % with criteria of (70-115), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), Dibenzofuran at 72.5 % with criteria of (75-105), Dimethyl-phthalate at 67.8 % with criteria of (69-110), Fluoranthene at 72.2 % with criteria of (74-115), Nitrobenzene at 70.5 % with criteria of (71-115), N-Nitrosodiphenylamine at 73.1 % with criteria of (77-115). The following analyte(s) had marginal exceedance limit failures: 2-Nitroaniline at 62.3 % with criteria of (62.8-128.2), 3-Nitroaniline at 61.1 % with criteria of (70.3-115.7), Bis(2-Chloroethoxy)methane at 59.1 % with criteria of (63.3-116.7), bis(2-ethylhexyl)phthalate at 50.9 % with criteria of (55-135), Butylbenzylphthalate at 46.2 % with criteria of (56.2-134.8), Di-n-octylphthalate at 45.9 % with criteria of (53-141), Hexachlorobenzene at 50.3 % with criteria of (69.8-127.2), Hexachlorobutadiene at 71.3 % with criteria of (73-121), N-Nitrosodimethylamine at 31.3 % with criteria of (36.8-126.2).

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507461

Client: T N & Associates, Inc.

The following samples were analyzed at a 1:10 dilution due to non-target analyte interference.
Sample NPP-SS-01
Sample NPP-SS-02
Sample NPP-SS-03
Sample NPP-SS-04
Sample NPP-SS-05
Sample NPP-SS-06
Sample NPP-SS-07
Sample NPP-SS-08
Sample NPP-SS-09
Sample NPP-SS-10

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/06/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Method: 8270

EPA Sample No	Lab Sample ID
NPP-SS-01	250746101
NPP-SS-02	250746102
NPP-SS-03	250746103
NPP-SS-04	250746104
NPP-SS-05	250746105
NPP-SS-06	250746106
NPP-SS-07	250746107
NPP-SS-08	250746108
NPP-SS-09	250746109
NPP-SS-10	250746110

Sample Data

080907 1018

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746101 Lab File ID: 461-1D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1638

PercentSolids: 91.5 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	37700	U
62-53-3	Aniline	37700	U
111-44-4	Bis(2-Chloroethyl)ether	37700	U
108-95-2	Phenol	188000	U
95-57-8	2-Chlorophenol	37700	U
541-73-1	1,3-Dichlorobenzene	37700	U
106-46-7	1,4-Dichlorobenzene	37700	U
95-50-1	1,2-Dichlorobenzene	37700	U
100-51-6	Benzyl alcohol	94300	U
108-60-1	2,2-Oxybis(1-chloropropane)	38200	U
95-48-7	2-Methylphenol (o-Cresol)	37700	U
67-72-1	Hexachloroethane	38200	U
621-64-7	N-Nitroso-di-n-propylamine	37700	U
106-44-5	4-Methylphenol	37700	U
98-95-3	Nitrobenzene	37700	U
78-59-1	Isophorone	37700	U
88-75-5	2-Nitrophenol	37700	U
105-67-9	2,4-Dimethylphenol	37700	U
65-85-0	Benzoic acid	188000	U
111-91-1	Bis(2-Chloroethoxy)methane	37700	U
120-83-2	2,4-Dichlorophenol	37700	U
120-82-1	1,2,4-Trichlorobenzene	37700	U
91-20-3	Naphthalene	37700	U
106-47-8	4-Chloroaniline	37700	U
91-57-6	2-Methylnaphthalene	37700	U
87-68-3	Hexachlorobutadiene	37700	U
59-50-7	4-Chloro-3-methylphenol	37700	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746101 Lab File ID: 461-1D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1638

PercentSolids: 91.5 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	37700	U
77-47-4	Hexachlorocyclopentadiene	94300	U
88-06-2	2,4,6-Trichlorophenol	37700	U
95-95-4	2,4,5-Trichlorophenol	37700	U
91-58-7	2-Chloronaphthalene	38200	U
88-74-4	2-Nitroaniline	37700	U
208-96-8	Acenaphthylene	37700	U
131-11-3	Dimethyl-phthalate	37700	U
606-20-2	2,6-Dinitrotoluene	37700	U
83-32-9	Acenaphthene	37700	U
99-09-2	3-Nitroaniline	37700	U
51-28-5	2,4-Dinitrophenol	189000	U
132-64-9	Dibenzofuran	37700	U
121-14-2	2,4-Dinitrotoluene	37700	U
100-02-7	4-Nitrophenol	94300	U
86-73-7	Fluorene	37700	U
7005-72-3	4-Chlorophenyl-phenylether	37700	U
84-66-2	Diethylphthalate	37700	U
100-01-6	4-Nitroaniline	37700	U
534-52-1	2-Methyl-4,6-dinitrophenol	188000	U
86-30-6	N-Nitrosodiphenylamine	37700	U
101-55-3	4-Bromophenyl-phenylether	37700	U
118-74-1	Hexachlorobenzene	37700	U
87-86-5	Pentachlorophenol	188000	U
85-01-8	Phenanthrene	37700	U
120-12-7	Anthracene	37700	U
84-74-2	Di-n-butylphthalate	37700	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746101 Lab File ID: 461-1D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1638

PercentSolids: 91.5 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	37700	U
129-00-0	Pyrene	37700	U
92-87-5	Benzidine	94700	U
85-68-7	Butylbenzylphthalate	37700	U
91-94-1	3,3'-Dichlorobenzidine	37700	U
56-55-3	Benzo(a)anthracene	37700	U
218-01-9	Chrysene	37700	U
117-81-7	bis(2-ethylhexyl)phthalate	37700	U
117-84-0	Di-n-octylphthalate	37700	U
205-99-2	Benzo(b)fluoranthene	37700	U
207-08-9	Benzo(k)fluoranthene	37700	U
50-32-8	Benzo(a)pyrene	37700	U
193-39-5	Indeno(1,2,3-cd)pyrene	37700	U
53-70-3	Dibenz(a,h)anthracene	37700	U
191-24-2	Benzo(g,h,i)perylene	37700	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-02

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746102 Lab File ID: 461-2D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1711

PercentSolids: 42.1 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	82700	U
62-53-3	Aniline	82700	U
111-44-4	Bis(2-Chloroethyl)ether	82700	U
108-95-2	Phenol	413000	U
95-57-8	2-Chlorophenol	82700	U
541-73-1	1,3-Dichlorobenzene	82700	U
106-46-7	1,4-Dichlorobenzene	82700	U
95-50-1	1,2-Dichlorobenzene	82700	U
100-51-6	Benzyl alcohol	207000	U
108-60-1	2,2-Oxybis(1-chloropropane)	83600	U
95-48-7	2-Methylphenol (o-Cresol)	82700	U
67-72-1	Hexachloroethane	83600	U
621-64-7	N-Nitroso-di-n-propylamine	82700	U
106-44-5	4-Methylphenol	82700	U
98-95-3	Nitrobenzene	82700	U
78-59-1	Isophorone	82700	U
88-75-5	2-Nitrophenol	82700	U
105-67-9	2,4-Dimethylphenol	82700	U
65-85-0	Benzoic acid	413000	U
111-91-1	Bis(2-Chloroethoxy)methane	82700	U
120-83-2	2,4-Dichlorophenol	82700	U
120-82-1	1,2,4-Trichlorobenzene	82700	U
91-20-3	Naphthalene	82700	U
106-47-8	4-Chloroaniline	82700	U
91-57-6	2-Methylnaphthalene	82700	U
87-68-3	Hexachlorobutadiene	82700	U
59-50-7	4-Chloro-3-methylphenol	82700	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-02

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746102 Lab File ID: 461-2D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1711

PercentSolids: 42.1 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	82700	U
77-47-4	Hexachlorocyclopentadiene	207000	U
88-06-2	2,4,6-Trichlorophenol	82700	U
95-95-4	2,4,5-Trichlorophenol	82700	U
91-58-7	2-Chloronaphthalene	83600	U
88-74-4	2-Nitroaniline	82700	U
208-96-8	Acenaphthylene	82700	U
131-11-3	Dimethyl-phthalate	82700	U
606-20-2	2,6-Dinitrotoluene	82700	U
83-32-9	Acenaphthene	82700	U
99-09-2	3-Nitroaniline	82700	U
51-28-5	2,4-Dinitrophenol	415000	U
132-64-9	Dibenzofuran	82700	U
121-14-2	2,4-Dinitrotoluene	82700	U
100-02-7	4-Nitrophenol	207000	U
86-73-7	Fluorene	82700	U
7005-72-3	4-Chlorophenyl-phenylether	82700	U
84-66-2	Diethylphthalate	82700	U
100-01-6	4-Nitroaniline	82700	U
534-52-1	2-Methyl-4,6-dinitrophenol	413000	U
86-30-6	N-Nitrosodiphenylamine	82700	U
101-55-3	4-Bromophenyl-phenylether	82700	U
118-74-1	Hexachlorobenzene	82700	U
87-86-5	Pentachlorophenol	413000	U
85-01-8	Phenanthrene	82700	U
120-12-7	Anthracene	82700	U
84-74-2	Di-n-butylphthalate	82700	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-02

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746102 Lab File ID: 461-2D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1711

PercentSolids: 42.1 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	82700	U
129-00-0	Pyrene	82700	U
92-87-5	Benzidine	208000	U
85-68-7	Butylbenzylphthalate	82700	U
91-94-1	3,3'-Dichlorobenzidine	82700	U
56-55-3	Benzo(a)anthracene	82700	U
218-01-9	Chrysene	82700	U
117-81-7	bis(2-ethylhexyl)phthalate	82700	U
117-84-0	Di-n-octylphthalate	82700	U
205-99-2	Benzo(b)fluoranthene	82700	U
207-08-9	Benzo(k)fluoranthene	82700	U
50-32-8	Benzo(a)pyrene	82700	U
193-39-5	Indeno(1,2,3-cd)pyrene	82700	U
53-70-3	Dibenz(a,h)anthracene	82700	U
191-24-2	Benzo(g,h,i)perylene	82700	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103 Lab File ID: 461-3D10.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1743

PercentSolids: 86.8 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	43900	U
62-53-3	Aniline	43900	U
111-44-4	Bis(2-Chloroethyl)ether	43900	U
108-95-2	Phenol	220000	U
95-57-8	2-Chlorophenol	43900	U
541-73-1	1,3-Dichlorobenzene	43900	U
106-46-7	1,4-Dichlorobenzene	43900	U
95-50-1	1,2-Dichlorobenzene	43900	U
100-51-6	Benzyl alcohol	110000	U
108-60-1	2,2-Oxybis(1-chloropropane)	44400	U
95-48-7	2-Methylphenol (o-Cresol)	43900	U
67-72-1	Hexachloroethane	44400	U
621-64-7	N-Nitroso-di-n-propylamine	43900	U
106-44-5	4-Methylphenol	43900	U
98-95-3	Nitrobenzene	43900	U
78-59-1	Isophorone	43900	U
88-75-5	2-Nitrophenol	43900	U
105-67-9	2,4-Dimethylphenol	43900	U
65-85-0	Benzoic acid	220000	U
111-91-1	Bis(2-Chloroethoxy)methane	43900	U
120-83-2	2,4-Dichlorophenol	43900	U
120-82-1	1,2,4-Trichlorobenzene	43900	U
91-20-3	Naphthalene	43900	U
106-47-8	4-Chloroaniline	43900	U
91-57-6	2-Methylnaphthalene	43900	U
87-68-3	Hexachlorobutadiene	43900	U
59-50-7	4-Chloro-3-methylphenol	43900	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103 Lab File ID: 461-3D10.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1743

PercentSolids: 86.8 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	43900	U
77-47-4	Hexachlorocyclopentadiene	110000	U
88-06-2	2,4,6-Trichlorophenol	43900	U
95-95-4	2,4,5-Trichlorophenol	43900	U
91-58-7	2-Chloronaphthalene	44400	U
88-74-4	2-Nitroaniline	43900	U
208-96-8	Acenaphthylene	43900	U
131-11-3	Dimethyl-phthalate	43900	U
606-20-2	2,6-Dinitrotoluene	43900	U
83-32-9	Acenaphthene	43900	U
99-09-2	3-Nitroaniline	43900	U
51-28-5	2,4-Dinitrophenol	220000	U
132-64-9	Dibenzofuran	43900	U
121-14-2	2,4-Dinitrotoluene	43900	U
100-02-7	4-Nitrophenol	110000	U
86-73-7	Fluorene	43900	U
7005-72-3	4-Chlorophenyl-phenylether	43900	U
84-66-2	Diethylphthalate	43900	U
100-01-6	4-Nitroaniline	43900	U
534-52-1	2-Methyl-4,6-dinitrophenol	220000	U
86-30-6	N-Nitrosodiphenylamine	43900	U
101-55-3	4-Bromophenyl-phenylether	43900	U
118-74-1	Hexachlorobenzene	43900	U
87-86-5	Pentachlorophenol	220000	U
85-01-8	Phenanthrene	43900	U
120-12-7	Anthracene	43900	U
84-74-2	Di-n-butylphthalate	43900	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103 Lab File ID: 461-3D10.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1743

PercentSolids: 86.8 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	43900	U
129-00-0	Pyrene	43900	U
92-87-5	Benzidine	110000	U
85-68-7	Butylbenzylphthalate	43900	U
91-94-1	3,3'-Dichlorobenzidine	43900	U
56-55-3	Benzo(a)anthracene	43900	U
218-01-9	Chrysene	43900	U
117-81-7	bis(2-ethylhexyl)phthalate	43900	U
117-84-0	Di-n-octylphthalate	43900	U
205-99-2	Benzo(b)fluoranthene	43900	U
207-08-9	Benzo(k)fluoranthene	43900	U
50-32-8	Benzo(a)pyrene	43900	U
193-39-5	Indeno(1,2,3-cd)pyrene	43900	U
53-70-3	Dibenz(a,h)anthracene	43900	U
191-24-2	Benzo(g,h,i)perylene	43900	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-04

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746104 Lab File ID: 461-4D10.D

Sample wt/vol: 1.06 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1816

PercentSolids: 91.3 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	41400	U
62-53-3	Aniline	41400	U
111-44-4	Bis(2-Chloroethyl)ether	41400	U
108-95-2	Phenol	207000	U
95-57-8	2-Chlorophenol	41400	U
541-73-1	1,3-Dichlorobenzene	41400	U
106-46-7	1,4-Dichlorobenzene	41400	U
95-50-1	1,2-Dichlorobenzene	41400	U
100-51-6	Benzyl alcohol	103000	U
108-60-1	2,2-Oxybis(1-chloropropane)	41800	U
95-48-7	2-Methylphenol (o-Cresol)	41400	U
67-72-1	Hexachloroethane	41800	U
621-64-7	N-Nitroso-di-n-propylamine	41400	U
106-44-5	4-Methylphenol	41400	U
98-95-3	Nitrobenzene	41400	U
78-59-1	Isophorone	41400	U
88-75-5	2-Nitrophenol	41400	U
105-67-9	2,4-Dimethylphenol	41400	U
65-85-0	Benzoic acid	207000	U
111-91-1	Bis(2-Chloroethoxy)methane	41400	U
120-83-2	2,4-Dichlorophenol	41400	U
120-82-1	1,2,4-Trichlorobenzene	41400	U
91-20-3	Naphthalene	41400	U
106-47-8	4-Chloroaniline	41400	U
91-57-6	2-Methylnaphthalene	41400	U
87-68-3	Hexachlorobutadiene	41400	U
59-50-7	4-Chloro-3-methylphenol	41400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-04

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746104 Lab File ID: 461-4D10.D

Sample wt/vol: 1.06 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1816

PercentSolids: 91.3 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	41400	U
77-47-4	Hexachlorocyclopentadiene	103000	U
88-06-2	2,4,6-Trichlorophenol	41400	U
95-95-4	2,4,5-Trichlorophenol	41400	U
91-58-7	2-Chloronaphthalene	41800	U
88-74-4	2-Nitroaniline	41400	U
208-96-8	Acenaphthylene	41400	U
131-11-3	Dimethyl-phthalate	41400	U
606-20-2	2,6-Dinitrotoluene	41400	U
83-32-9	Acenaphthene	41400	U
99-09-2	3-Nitroaniline	41400	U
51-28-5	2,4-Dinitrophenol	208000	U
132-64-9	Dibenzofuran	41400	U
121-14-2	2,4-Dinitrotoluene	41400	U
100-02-7	4-Nitrophenol	103000	U
86-73-7	Fluorene	41400	U
7005-72-3	4-Chlorophenyl-phenylether	41400	U
84-66-2	Diethylphthalate	41400	U
100-01-6	4-Nitroaniline	41400	U
534-52-1	2-Methyl-4,6-dinitrophenol	207000	U
86-30-6	N-Nitrosodiphenylamine	41400	U
101-55-3	4-Bromophenyl-phenylether	41400	U
118-74-1	Hexachlorobenzene	41400	U
87-86-5	Pentachlorophenol	207000	U
85-01-8	Phenanthrene	41400	U
120-12-7	Anthracene	41400	U
84-74-2	Di-n-butylphthalate	41400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-04

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746104 Lab File ID: 461-4D10.D

Sample wt/vol: 1.06 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1816

PercentSolids: 91.3 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	41400	U
129-00-0	Pyrene	41400	U
92-87-5	Benzidine	104000	U
85-68-7	Butylbenzylphthalate	41400	U
91-94-1	3,3'-Dichlorobenzidine	41400	U
56-55-3	Benzo(a)anthracene	41400	U
218-01-9	Chrysene	41400	U
117-81-7	bis(2-ethylhexyl)phthalate	41400	U
117-84-0	Di-n-octylphthalate	41400	U
205-99-2	Benzo(b)fluoranthene	41400	U
207-08-9	Benzo(k)fluoranthene	41400	U
50-32-8	Benzo(a)pyrene	41400	U
193-39-5	Indeno(1,2,3-cd)pyrene	41400	U
53-70-3	Dibenz(a,h)anthracene	41400	U
191-24-2	Benzo(g,h,i)perylene	41400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-05

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746105 Lab File ID: 461-5D10.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1848

PercentSolids: 96.1 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	33600	U
62-53-3	Aniline	33600	U
111-44-4	Bis(2-Chloroethyl)ether	33600	U
108-95-2	Phenol	168000	U
95-57-8	2-Chlorophenol	33600	U
541-73-1	1,3-Dichlorobenzene	33600	U
106-46-7	1,4-Dichlorobenzene	33600	U
95-50-1	1,2-Dichlorobenzene	33600	U
100-51-6	Benzyl alcohol	84000	U
108-60-1	2,2-Oxybis(1-chloropropane)	34000	U
95-48-7	2-Methylphenol (o-Cresol)	33600	U
67-72-1	Hexachloroethane	34000	U
621-64-7	N-Nitroso-di-n-propylamine	33600	U
106-44-5	4-Methylphenol	33600	U
98-95-3	Nitrobenzene	33600	U
78-59-1	Isophorone	33600	U
88-75-5	2-Nitrophenol	33600	U
105-67-9	2,4-Dimethylphenol	33600	U
65-85-0	Benzoic acid	168000	U
111-91-1	Bis(2-Chloroethoxy)methane	33600	U
120-83-2	2,4-Dichlorophenol	33600	U
120-82-1	1,2,4-Trichlorobenzene	33600	U
91-20-3	Naphthalene	33600	U
106-47-8	4-Chloroaniline	33600	U
91-57-6	2-Methylnaphthalene	33600	U
87-68-3	Hexachlorobutadiene	33600	U
59-50-7	4-Chloro-3-methylphenol	33600	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-05

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746105 Lab File ID: 461-5D10.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1848

PercentSolids: 96.1 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	33600	U
77-47-4	Hexachlorocyclopentadiene	84000	U
88-06-2	2,4,6-Trichlorophenol	33600	U
95-95-4	2,4,5-Trichlorophenol	33600	U
91-58-7	2-Chloronaphthalene	34000	U
88-74-4	2-Nitroaniline	33600	U
208-96-8	Acenaphthylene	33600	U
131-11-3	Dimethyl-phthalate	33600	U
606-20-2	2,6-Dinitrotoluene	33600	U
83-32-9	Acenaphthene	33600	U
99-09-2	3-Nitroaniline	33600	U
51-28-5	2,4-Dinitrophenol	169000	U
132-64-9	Dibenzofuran	33600	U
121-14-2	2,4-Dinitrotoluene	33600	U
100-02-7	4-Nitrophenol	84000	U
86-73-7	Fluorene	33600	U
7005-72-3	4-Chlorophenyl-phenylether	33600	U
84-66-2	Diethylphthalate	33600	U
100-01-6	4-Nitroaniline	33600	U
534-52-1	2-Methyl-4,6-dinitrophenol	168000	U
86-30-6	N-Nitrosodiphenylamine	33600	U
101-55-3	4-Bromophenyl-phenylether	33600	U
118-74-1	Hexachlorobenzene	33600	U
87-86-5	Pentachlorophenol	168000	U
85-01-8	Phenanthrene	33600	U
120-12-7	Anthracene	33600	U
84-74-2	Di-n-butylphthalate	33600	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-05

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746105 Lab File ID: 461-5D10.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1848

PercentSolids: 96.1 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	33600	U
129-00-0	Pyrene	33600	U
92-87-5	Benzidine	84300	U
85-68-7	Butylbenzylphthalate	33600	U
91-94-1	3,3'-Dichlorobenzidine	33600	U
56-55-3	Benzo(a)anthracene	33600	U
218-01-9	Chrysene	33600	U
117-81-7	bis(2-ethylhexyl)phthalate	33600	U
117-84-0	Di-n-octylphthalate	33600	U
205-99-2	Benzo(b)fluoranthene	33600	U
207-08-9	Benzo(k)fluoranthene	33600	U
50-32-8	Benzo(a)pyrene	33600	U
193-39-5	Indeno(1,2,3-cd)pyrene	33600	U
53-70-3	Dibenz(a,h)anthracene	33600	U
191-24-2	Benzo(g,h,i)perylene	33600	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746106 Lab File ID: 461-6D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1920

PercentSolids: 96.1 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	38200	U
62-53-3	Aniline	38200	U
111-44-4	Bis(2-Chloroethyl)ether	38200	U
108-95-2	Phenol	191000	U
95-57-8	2-Chlorophenol	38200	U
541-73-1	1,3-Dichlorobenzene	38200	U
106-46-7	1,4-Dichlorobenzene	38200	U
95-50-1	1,2-Dichlorobenzene	38200	U
100-51-6	Benzyl alcohol	95500	U
108-60-1	2,2-Oxybis(1-chloropropane)	38700	U
95-48-7	2-Methylphenol (o-Cresol)	38200	U
67-72-1	Hexachloroethane	38700	U
621-64-7	N-Nitroso-di-n-propylamine	38200	U
106-44-5	4-Methylphenol	38200	U
98-95-3	Nitrobenzene	38200	U
78-59-1	Isophorone	38200	U
88-75-5	2-Nitrophenol	38200	U
105-67-9	2,4-Dimethylphenol	38200	U
65-85-0	Benzoic acid	191000	U
111-91-1	Bis(2-Chloroethoxy)methane	38200	U
120-83-2	2,4-Dichlorophenol	38200	U
120-82-1	1,2,4-Trichlorobenzene	38200	U
91-20-3	Naphthalene	38200	U
106-47-8	4-Chloroaniline	38200	U
91-57-6	2-Methylnaphthalene	38200	U
87-68-3	Hexachlorobutadiene	38200	U
59-50-7	4-Chloro-3-methylphenol	38200	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746106 Lab File ID: 461-6D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1920

PercentSolids: 96.1 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	38200	U
77-47-4	Hexachlorocyclopentadiene	95500	U
88-06-2	2,4,6-Trichlorophenol	38200	U
95-95-4	2,4,5-Trichlorophenol	38200	U
91-58-7	2-Chloronaphthalene	38700	U
88-74-4	2-Nitroaniline	38200	U
208-96-8	Acenaphthylene	38200	U
131-11-3	Dimethyl-phthalate	38200	U
606-20-2	2,6-Dinitrotoluene	38200	U
83-32-9	Acenaphthene	38200	U
99-09-2	3-Nitroaniline	38200	U
51-28-5	2,4-Dinitrophenol	192000	U
132-64-9	Dibenzofuran	38200	U
121-14-2	2,4-Dinitrotoluene	38200	U
100-02-7	4-Nitrophenol	95500	U
86-73-7	Fluorene	38200	U
7005-72-3	4-Chlorophenyl-phenylether	38200	U
84-66-2	Diethylphthalate	38200	U
100-01-6	4-Nitroaniline	38200	U
534-52-1	2-Methyl-4,6-dinitrophenol	191000	U
86-30-6	N-Nitrosodiphenylamine	38200	U
101-55-3	4-Bromophenyl-phenylether	38200	U
118-74-1	Hexachlorobenzene	38200	U
87-86-5	Pentachlorophenol	191000	U
85-01-8	Phenanthrene	38200	U
120-12-7	Anthracene	38200	U
84-74-2	Di-n-butylphthalate	38200	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746106 Lab File ID: 461-6D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1920

PercentSolids: 96.1 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	38200	U
129-00-0	Pyrene	38200	U
92-87-5	Benzidine	95900	U
85-68-7	Butylbenzylphthalate	38200	U
91-94-1	3,3'-Dichlorobenzidine	38200	U
56-55-3	Benzo(a)anthracene	38200	U
218-01-9	Chrysene	38200	U
117-81-7	bis(2-ethylhexyl)phthalate	38200	U
117-84-0	Di-n-octylphthalate	38200	U
205-99-2	Benzo(b)fluoranthene	38200	U
207-08-9	Benzo(k)fluoranthene	38200	U
50-32-8	Benzo(a)pyrene	38200	U
193-39-5	Indeno(1,2,3-cd)pyrene	38200	U
53-70-3	Dibenz(a,h)anthracene	38200	U
191-24-2	Benzo(g,h,i)perylene	38200	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-07

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746107 Lab File ID: 461-7D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1953

PercentSolids: 94.2 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	36000	U
62-53-3	Aniline	36000	U
111-44-4	Bis(2-Chloroethyl)ether	36000	U
108-95-2	Phenol	180000	U
95-57-8	2-Chlorophenol	36000	U
541-73-1	1,3-Dichlorobenzene	36000	U
106-46-7	1,4-Dichlorobenzene	36000	U
95-50-1	1,2-Dichlorobenzene	36000	U
100-51-6	Benzyl alcohol	90000	U
108-60-1	2,2-Oxybis(1-chloropropane)	36400	U
95-48-7	2-Methylphenol (o-Cresol)	36000	U
67-72-1	Hexachloroethane	36400	U
621-64-7	N-Nitroso-di-n-propylamine	36000	U
106-44-5	4-Methylphenol	36000	U
98-95-3	Nitrobenzene	36000	U
78-59-1	Isophorone	36000	U
88-75-5	2-Nitrophenol	36000	U
105-67-9	2,4-Dimethylphenol	36000	U
65-85-0	Benzoic acid	180000	U
111-91-1	Bis(2-Chloroethoxy)methane	36000	U
120-83-2	2,4-Dichlorophenol	36000	U
120-82-1	1,2,4-Trichlorobenzene	36000	U
91-20-3	Naphthalene	36000	U
106-47-8	4-Chloroaniline	36000	U
91-57-6	2-Methylnaphthalene	36000	U
87-68-3	Hexachlorobutadiene	36000	U
59-50-7	4-Chloro-3-methylphenol	36000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-07

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746107 Lab File ID: 461-7D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1953

PercentSolids: 94.2 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	36000	U
77-47-4	Hexachlorocyclopentadiene	90000	U
88-06-2	2,4,6-Trichlorophenol	36000	U
95-95-4	2,4,5-Trichlorophenol	36000	U
91-58-7	2-Chloronaphthalene	36400	U
88-74-4	2-Nitroaniline	36000	U
208-96-8	Acenaphthylene	36000	U
131-11-3	Dimethyl-phthalate	36000	U
606-20-2	2,6-Dinitrotoluene	36000	U
83-32-9	Acenaphthene	36000	U
99-09-2	3-Nitroaniline	36000	U
51-28-5	2,4-Dinitrophenol	181000	U
132-64-9	Dibenzofuran	36000	U
121-14-2	2,4-Dinitrotoluene	36000	U
100-02-7	4-Nitrophenol	90000	U
86-73-7	Fluorene	36000	U
7005-72-3	4-Chlorophenyl-phenylether	36000	U
84-66-2	Diethylphthalate	36000	U
100-01-6	4-Nitroaniline	36000	U
534-52-1	2-Methyl-4,6-dinitrophenol	180000	U
86-30-6	N-Nitrosodiphenylamine	36000	U
101-55-3	4-Bromophenyl-phenylether	36000	U
118-74-1	Hexachlorobenzene	36000	U
87-86-5	Pentachlorophenol	180000	U
85-01-8	Phenanthrene	36000	U
120-12-7	Anthracene	36000	U
84-74-2	Di-n-butylphthalate	36000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-07

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746107 Lab File ID: 461-7D10.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1953

PercentSolids: 94.2 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	36000	U
129-00-0	Pyrene	36000	U
92-87-5	Benzidine	90400	U
85-68-7	Butylbenzylphthalate	36000	U
91-94-1	3,3'-Dichlorobenzidine	36000	U
56-55-3	Benzo(a)anthracene	36000	U
218-01-9	Chrysene	36000	U
117-81-7	bis(2-ethylhexyl)phthalate	36000	U
117-84-0	Di-n-octylphthalate	36000	U
205-99-2	Benzo(b)fluoranthene	36000	U
207-08-9	Benzo(k)fluoranthene	36000	U
50-32-8	Benzo(a)pyrene	36000	U
193-39-5	Indeno(1,2,3-cd)pyrene	36000	U
53-70-3	Dibenz(a,h)anthracene	36000	U
191-24-2	Benzo(g,h,i)perylene	36000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746108 Lab File ID: 461-8D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2025

PercentSolids: 95.9 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	37300	U
62-53-3	Aniline	37300	U
111-44-4	Bis(2-Chloroethyl)ether	37300	U
108-95-2	Phenol	186000	U
95-57-8	2-Chlorophenol	37300	U
541-73-1	1,3-Dichlorobenzene	37300	U
106-46-7	1,4-Dichlorobenzene	37300	U
95-50-1	1,2-Dichlorobenzene	37300	U
100-51-6	Benzyl alcohol	93100	U
108-60-1	2,2-Oxybis(1-chloropropane)	37700	U
95-48-7	2-Methylphenol (o-Cresol)	37300	U
67-72-1	Hexachloroethane	37700	U
621-64-7	N-Nitroso-di-n-propylamine	37300	U
106-44-5	4-Methylphenol	37300	U
98-95-3	Nitrobenzene	37300	U
78-59-1	Isophorone	37300	U
88-75-5	2-Nitrophenol	37300	U
105-67-9	2,4-Dimethylphenol	37300	U
65-85-0	Benzoic acid	186000	U
111-91-1	Bis(2-Chloroethoxy)methane	37300	U
120-83-2	2,4-Dichlorophenol	37300	U
120-82-1	1,2,4-Trichlorobenzene	37300	U
91-20-3	Naphthalene	37300	U
106-47-8	4-Chloroaniline	37300	U
91-57-6	2-Methylnaphthalene	37300	U
87-68-3	Hexachlorobutadiene	37300	U
59-50-7	4-Chloro-3-methylphenol	37300	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746108 Lab File ID: 461-8D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2025

PercentSolids: 95.9 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	37300	U
77-47-4	Hexachlorocyclopentadiene	93100	U
88-06-2	2,4,6-Trichlorophenol	37300	U
95-95-4	2,4,5-Trichlorophenol	37300	U
91-58-7	2-Chloronaphthalene	37700	U
88-74-4	2-Nitroaniline	37300	U
208-96-8	Acenaphthylene	37300	U
131-11-3	Dimethyl-phthalate	37300	U
606-20-2	2,6-Dinitrotoluene	37300	U
83-32-9	Acenaphthene	37300	U
99-09-2	3-Nitroaniline	37300	U
51-28-5	2,4-Dinitrophenol	187000	U
132-64-9	Dibenzofuran	37300	U
121-14-2	2,4-Dinitrotoluene	37300	U
100-02-7	4-Nitrophenol	93100	U
86-73-7	Fluorene	37300	U
7005-72-3	4-Chlorophenyl-phenylether	37300	U
84-66-2	Diethylphthalate	37300	U
100-01-6	4-Nitroaniline	37300	U
534-52-1	2-Methyl-4,6-dinitrophenol	186000	U
86-30-6	N-Nitrosodiphenylamine	37300	U
101-55-3	4-Bromophenyl-phenylether	37300	U
118-74-1	Hexachlorobenzene	37300	U
87-86-5	Pentachlorophenol	186000	U
85-01-8	Phenanthrene	37300	U
120-12-7	Anthracene	37300	U
84-74-2	Di-n-butylphthalate	37300	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746108 Lab File ID: 461-8D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2025

PercentSolids: 95.9 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	37300	U
129-00-0	Pyrene	37300	U
92-87-5	Benzidine	93600	U
85-68-7	Butylbenzylphthalate	37300	U
91-94-1	3,3'-Dichlorobenzidine	37300	U
56-55-3	Benzo(a)anthracene	37300	U
218-01-9	Chrysene	37300	U
117-81-7	bis(2-ethylhexyl)phthalate	37300	U
117-84-0	Di-n-octylphthalate	37300	U
205-99-2	Benzo(b)fluoranthene	37300	U
207-08-9	Benzo(k)fluoranthene	37300	U
50-32-8	Benzo(a)pyrene	37300	U
193-39-5	Indeno(1,2,3-cd)pyrene	37300	U
53-70-3	Dibenz(a,h)anthracene	37300	U
191-24-2	Benzo(g,h,i)perylene	37300	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-09

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746109 Lab File ID: 461-9D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2057

PercentSolids: 94.5 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	38900	U
62-53-3	Aniline	38900	U
111-44-4	Bis(2-Chloroethyl)ether	38900	U
108-95-2	Phenol	194000	U
95-57-8	2-Chlorophenol	38900	U
541-73-1	1,3-Dichlorobenzene	38900	U
106-46-7	1,4-Dichlorobenzene	38900	U
95-50-1	1,2-Dichlorobenzene	38900	U
100-51-6	Benzyl alcohol	97100	U
108-60-1	2,2-Oxybis(1-chloropropane)	39300	U
95-48-7	2-Methylphenol (o-Cresol)	38900	U
67-72-1	Hexachloroethane	39300	U
621-64-7	N-Nitroso-di-n-propylamine	38900	U
106-44-5	4-Methylphenol	38900	U
98-95-3	Nitrobenzene	38900	U
78-59-1	Isophorone	38900	U
88-75-5	2-Nitrophenol	38900	U
105-67-9	2,4-Dimethylphenol	38900	U
65-85-0	Benzoic acid	194000	U
111-91-1	Bis(2-Chloroethoxy)methane	38900	U
120-83-2	2,4-Dichlorophenol	38900	U
120-82-1	1,2,4-Trichlorobenzene	38900	U
91-20-3	Naphthalene	38900	U
106-47-8	4-Chloroaniline	38900	U
91-57-6	2-Methylnaphthalene	38900	U
87-68-3	Hexachlorobutadiene	38900	U
59-50-7	4-Chloro-3-methylphenol	38900	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-09

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746109 Lab File ID: 461-9D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2057

PercentSolids: 94.5 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	38900	U
77-47-4	Hexachlorocyclopentadiene	97100	U
88-06-2	2,4,6-Trichlorophenol	38900	U
95-95-4	2,4,5-Trichlorophenol	38900	U
91-58-7	2-Chloronaphthalene	39300	U
88-74-4	2-Nitroaniline	38900	U
208-96-8	Acenaphthylene	38900	U
131-11-3	Dimethyl-phthalate	38900	U
606-20-2	2,6-Dinitrotoluene	38900	U
83-32-9	Acenaphthene	38900	U
99-09-2	3-Nitroaniline	38900	U
51-28-5	2,4-Dinitrophenol	195000	U
132-64-9	Dibenzofuran	38900	U
121-14-2	2,4-Dinitrotoluene	38900	U
100-02-7	4-Nitrophenol	97100	U
86-73-7	Fluorene	38900	U
7005-72-3	4-Chlorophenyl-phenylether	38900	U
84-66-2	Diethylphthalate	38900	U
100-01-6	4-Nitroaniline	38900	U
534-52-1	2-Methyl-4,6-dinitrophenol	194000	U
86-30-6	N-Nitrosodiphenylamine	38900	U
101-55-3	4-Bromophenyl-phenylether	38900	U
118-74-1	Hexachlorobenzene	38900	U
87-86-5	Pentachlorophenol	194000	U
85-01-8	Phenanthrene	38900	U
120-12-7	Anthracene	38900	U
84-74-2	Di-n-butylphthalate	38900	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-09

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746109 Lab File ID: 461-9D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2057

PercentSolids: 94.5 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	38900	U
129-00-0	Pyrene	38900	U
92-87-5	Benzidine	97600	U
85-68-7	Butylbenzylphthalate	38900	U
91-94-1	3,3'-Dichlorobenzidine	38900	U
56-55-3	Benzo(a)anthracene	38900	U
218-01-9	Chrysene	38900	U
117-81-7	bis(2-ethylhexyl)phthalate	38900	U
117-84-0	Di-n-octylphthalate	38900	U
205-99-2	Benzo(b)fluoranthene	38900	U
207-08-9	Benzo(k)fluoranthene	38900	U
50-32-8	Benzo(a)pyrene	38900	U
193-39-5	Indeno(1,2,3-cd)pyrene	38900	U
53-70-3	Dibenz(a,h)anthracene	38900	U
191-24-2	Benzo(g,h,i)perylene	38900	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746110 Lab File ID: 461-10DT.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2234

PercentSolids: 86.6 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40900	U
62-53-3	Aniline	40900	U
111-44-4	Bis(2-Chloroethyl)ether	40900	U
108-95-2	Phenol	204000	U
95-57-8	2-Chlorophenol	40900	U
541-73-1	1,3-Dichlorobenzene	40900	U
106-46-7	1,4-Dichlorobenzene	40900	U
95-50-1	1,2-Dichlorobenzene	40900	U
100-51-6	Benzyl alcohol	102000	U
108-60-1	2,2-Oxybis(1-chloropropane)	41400	U
95-48-7	2-Methylphenol (o-Cresol)	40900	U
67-72-1	Hexachloroethane	41400	U
621-64-7	N-Nitroso-di-n-propylamine	40900	U
106-44-5	4-Methylphenol	40900	U
98-95-3	Nitrobenzene	40900	U
78-59-1	Isophorone	40900	U
88-75-5	2-Nitrophenol	40900	U
105-67-9	2,4-Dimethylphenol	40900	U
65-85-0	Benzoic acid	204000	U
111-91-1	Bis(2-Chloroethoxy)methane	40900	U
120-83-2	2,4-Dichlorophenol	40900	U
120-82-1	1,2,4-Trichlorobenzene	40900	U
91-20-3	Naphthalene	40900	U
106-47-8	4-Chloroaniline	40900	U
91-57-6	2-Methylnaphthalene	40900	U
87-68-3	Hexachlorobutadiene	40900	U
59-50-7	4-Chloro-3-methylphenol	40900	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746110 Lab File ID: 461-10DT.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2234

PercentSolids: 86.6 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40900	U
77-47-4	Hexachlorocyclopentadiene	102000	U
88-06-2	2,4,6-Trichlorophenol	40900	U
95-95-4	2,4,5-Trichlorophenol	40900	U
91-58-7	2-Chloronaphthalene	41400	U
88-74-4	2-Nitroaniline	40900	U
208-96-8	Acenaphthylene	40900	U
131-11-3	Dimethyl-phthalate	40900	U
606-20-2	2,6-Dinitrotoluene	40900	U
83-32-9	Acenaphthene	40900	U
99-09-2	3-Nitroaniline	40900	U
51-28-5	2,4-Dinitrophenol	205000	U
132-64-9	Dibenzofuran	40900	U
121-14-2	2,4-Dinitrotoluene	40900	U
100-02-7	4-Nitrophenol	102000	U
86-73-7	Fluorene	40900	U
7005-72-3	4-Chlorophenyl-phenylether	40900	U
84-66-2	Diethylphthalate	40900	U
100-01-6	4-Nitroaniline	40900	U
534-52-1	2-Methyl-4,6-dinitrophenol	204000	U
86-30-6	N-Nitrosodiphenylamine	40900	U
101-55-3	4-Bromophenyl-phenylether	40900	U
118-74-1	Hexachlorobenzene	40900	U
87-86-5	Pentachlorophenol	204000	U
85-01-8	Phenanthrene	40900	U
120-12-7	Anthracene	40900	U
84-74-2	Di-n-butylphthalate	40900	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746110 Lab File ID: 461-10DT.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2234

PercentSolids: 86.6 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40900	U
129-00-0	Pyrene	40900	U
92-87-5	Benzidine	103000	U
85-68-7	Butylbenzylphthalate	40900	U
91-94-1	3,3'-Dichlorobenzidine	40900	U
56-55-3	Benzo(a)anthracene	40900	U
218-01-9	Chrysene	40900	U
117-81-7	bis(2-ethylhexyl)phthalate	40900	U
117-84-0	Di-n-octylphthalate	40900	U
205-99-2	Benzo(b)fluoranthene	40900	U
207-08-9	Benzo(k)fluoranthene	40900	U
50-32-8	Benzo(a)pyrene	40900	U
193-39-5	Indeno(1,2,3-cd)pyrene	40900	U
53-70-3	Dibenz(a,h)anthracene	40900	U
191-24-2	Benzo(g,h,i)perylene	40900	U

QC Summary

080907 1018

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3394BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 248103 Lab File ID: 3394BLK.D

Sample wt/vol: 1.35 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1428

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	2970	U
62-53-3	Aniline	2970	U
111-44-4	Bis(2-Chloroethyl)ether	2970	U
108-95-2	Phenol	14800	U
95-57-8	2-Chlorophenol	2970	U
541-73-1	1,3-Dichlorobenzene	2970	U
106-46-7	1,4-Dichlorobenzene	2970	U
95-50-1	1,2-Dichlorobenzene	2970	U
100-51-6	Benzyl alcohol	7410	U
108-60-1	2,2-Oxybis(1-chloropropane)	3000	U
95-48-7	2-Methylphenol (o-Cresol)	2970	U
67-72-1	Hexachloroethane	3000	U
621-64-7	N-Nitroso-di-n-propylamine	2970	U
106-44-5	4-Methylphenol	2970	U
98-95-3	Nitrobenzene	2970	U
78-59-1	Isophorone	2970	U
88-75-5	2-Nitrophenol	2970	U
105-67-9	2,4-Dimethylphenol	2970	U
65-85-0	Benzoic acid	14800	U
111-91-1	Bis(2-Chloroethoxy)methane	2970	U
120-83-2	2,4-Dichlorophenol	2970	U
120-82-1	1,2,4-Trichlorobenzene	2970	U
91-20-3	Naphthalene	2970	U
106-47-8	4-Chloroaniline	2970	U
91-57-6	2-Methylnaphthalene	2970	U
87-68-3	Hexachlorobutadiene	2970	U
59-50-7	4-Chloro-3-methylphenol	2970	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3394BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 248103 Lab File ID: 3394BLK.D

Sample wt/vol: 1.35 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1428

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	2970	U
77-47-4	Hexachlorocyclopentadiene	7410	U
88-06-2	2,4,6-Trichlorophenol	2970	U
95-95-4	2,4,5-Trichlorophenol	2970	U
91-58-7	2-Chloronaphthalene	3000	U
88-74-4	2-Nitroaniline	2970	U
208-96-8	Acenaphthylene	2970	U
131-11-3	Dimethyl-phthalate	2970	U
606-20-2	2,6-Dinitrotoluene	2970	U
83-32-9	Acenaphthene	2970	U
99-09-2	3-Nitroaniline	2970	U
51-28-5	2,4-Dinitrophenol	14900	U
132-64-9	Dibenzofuran	2970	U
121-14-2	2,4-Dinitrotoluene	2970	U
100-02-7	4-Nitrophenol	7410	U
86-73-7	Fluorene	2970	U
7005-72-3	4-Chlorophenyl-phenylether	2970	U
84-66-2	Diethylphthalate	2970	U
100-01-6	4-Nitroaniline	2970	U
534-52-1	2-Methyl-4,6-dinitrophenol	14800	U
86-30-6	N-Nitrosodiphenylamine	2970	U
101-55-3	4-Bromophenyl-phenylether	2970	U
118-74-1	Hexachlorobenzene	2970	U
87-86-5	Pentachlorophenol	14800	U
85-01-8	Phenanthrene	2970	U
120-12-7	Anthracene	2970	U
84-74-2	Di-n-butylphthalate	2970	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3394BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 248103 Lab File ID: 3394BLK.D

Sample wt/vol: 1.35 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1428

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	2970	U
129-00-0	Pyrene	2970	U
92-87-5	Benzidine	7440	U
85-68-7	Butylbenzylphthalate	2970	U
91-94-1	3,3'-Dichlorobenzidine	2970	U
56-55-3	Benzo(a)anthracene	2970	U
218-01-9	Chrysene	2970	U
117-81-7	bis(2-ethylhexyl)phthalate	2970	U
117-84-0	Di-n-octylphthalate	2970	U
205-99-2	Benzo(b)fluoranthene	2970	U
207-08-9	Benzo(k)fluoranthene	2970	U
50-32-8	Benzo(a)pyrene	2970	U
193-39-5	Indeno(1,2,3-cd)pyrene	2970	U
53-70-3	Dibenz(a,h)anthracene	2970	U
191-24-2	Benzo(g,h,i)perylene	2970	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3394LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	34200	10700	31.3 *		30.0	48 - 115
Aniline	34200	17200	50.3		30.0	47 - 140
Bis(2-Chloroethyl)ether	34200	23300	68.1		30.0	61 - 105
Phenol	34200	23600	69.0		23.0	46 - 100
2-Chlorophenol	34200	22200	64.9		24.0	54 - 105
1,3-Dichlorobenzene	34200	24000	70.2		26.0	67 - 100
1,4-Dichlorobenzene	34200	25200	73.7		27.0	62 - 105
1,2-Dichlorobenzene	34200	24400	71.3		30.0	65 - 95
Benzyl alcohol	34200	22900	67.0		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	34200	25500	74.6		30.0	52 - 115
2-Methylphenol (o-Cresol)	34200	25100	73.4		30.0	58 - 105
Hexachloroethane	34200	25200	73.7		28.0	65 - 110
N-Nitroso-di-n-propylamine	34200	24800	72.5		28.0	59 - 115
4-Methylphenol	34200	25800	75.4		26.0	57 - 105
Nitrobenzene	34200	24100	70.5 *		27.0	71 - 115
Isophorone	34200	23700	69.3		30.0	69 - 110
2-Nitrophenol	34200	22000	64.3		20.0	61 - 110
2,4-Dimethylphenol	34200	23400	68.4		30.0	65 - 105
Benzoic acid	68400	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	34200	20200	59.1 *		30.0	70 - 110
2,4-Dichlorophenol	34200	23700	69.3		29.0	64 - 110
1,2,4-Trichlorobenzene	34200	25100	73.4		29.0	71 - 110
Naphthalene	34200	25000	73.1		23.0	67 - 105
4-Chloroaniline	34200	19700	57.6		30.0	57 - 95
2-Methylnaphthalene	34200	24600	71.9 *		22.0	72 - 105
Hexachlorobutadiene	34200	24400	71.3 *		27.0	79 - 115
4-Chloro-3-methylphenol	34200	22600	66.1		30.0	62 - 115
1-Methylnaphthalene	34200	24700	72.2		25.0	67 - 145
Hexachlorocyclopentadiene	34200	18300	53.5		44.0	34 - 139
2,4,6-Trichlorophenol	34200	24500	71.6		30.0	62 - 110
2,4,5-Trichlorophenol	34200	24800	72.5		29.0	61 - 110
2-Chloronaphthalene	34200	24800	72.5		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3394LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	34200	21300	62.3 *		23.0	71 - 120
Acenaphthylene	34200	23500	68.7		21.0	66 - 105
Dimethyl-phthalate	34200	23200	67.8 *		30.0	69 - 110
2,6-Dinitrotoluene	34200	24100	70.5 *		30.0	73 - 110
Acenaphthene	34200	24500	71.6		28.0	65 - 110
3-Nitroaniline	34200	20900	61.1 *		30.0	76 - 110
2,4-Dinitrophenol	68400	19400	28.4 *		30.0	29 - 130
Dibenzofuran	34200	24800	72.5 *		28.0	75 - 105
2,4-Dinitrotoluene	34200	25300	74.0 *		29.0	77 - 115
4-Nitrophenol	34200	19700	57.6		30.0	52 - 140
Fluorene	34200	25300	74.0		28.0	67 - 110
4-Chlorophenyl-phenylether	34200	26800	78.4		30.0	65 - 110
Diethylphthalate	34200	23900	69.9		28.0	68 - 115
4-Nitroaniline	34200	23200	67.8 *		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	34200	21800	63.7		28.0	34 - 135
N-Nitrosodiphenylamine	34200	25000	73.1 *		23.0	77 - 115
4-Bromophenyl-phenylether	34200	24000	70.2		30.0	59 - 115
Hexachlorobenzene	34200	17200	50.3 *		28.0	77 - 120
Pentachlorophenol	34200	22500	65.8		30.0	36 - 120
Phenanthrene	34200	24100	70.5		25.0	67 - 110
Anthracene	34200	23500	68.7		19.0	67 - 105
Di-n-butylphthalate	34200	23300	68.1		29.0	67 - 110
Fluoranthene	34200	24700	72.2 *		21.0	74 - 115
Pyrene	34200	24700	72.2		20.0	67 - 125
Benzidine	34200	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	34200	15800	46.2 *		30.0	66 - 125
3,3'-Dichlorobenzidine	34200	14000	40.9 *		30.0	41 - 130
Benzo(a)anthracene	34200	23000	67.3		29.0	67 - 110
Chrysene	34200	24500	71.6		30.0	65 - 110
bis(2-ethylhexyl)phthalate	34200	17400	50.9 *		30.0	65 - 125
Di-n-octylphthalate	34200	15700	45.9 *		30.0	64 - 130
Benzo(b)fluoranthene	34200	23900	69.9		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

080907 1018

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3394LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	34200	24200	70.8		28.0	53 - 125
Benzo(a)pyrene	34200	23100	67.5		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	34200	18400	53.8		30.0	40 - 120
Dibenz(a,h)anthracene	34200	20500	59.9		30.0	40 - 125
Benzo(g,h,i)perylene	34200	21300	62.3		23.0	41 - 125

Spike Recovery: 22 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

GC/ECD PCB ORGANICS

METHOD 8082

080907 1018

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507461

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPP-SS-05 was recovered below criteria for the following surrogate(s):
Decachlorobiphenyl at 24.5 % with criteria of (33-140).

No further action was taken for this variance.

Samples coded accordingly.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507461

Client: T N & Associates, Inc.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/06/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Method: 8082

EPA Sample No	Lab Sample ID
NPP-SS-01	250746101
NPP-SS-02	250746102
NPP-SS-03	250746103
NPP-SS-04	250746104
NPP-SS-05	250746105
NPP-SS-06	250746106
NPP-SS-07	250746107
NPP-SS-08	250746108
NPP-SS-09	250746109
NPP-SS-10	250746110

080907 1018

Sample Data

080907 1018

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746101 Lab File ID: 461-01.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0837

PercentSolids: 91.5 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	460	U
11096-82-5	Aroclor-1260	460	U
11104-28-2	Aroclor-1221	460	U
11141-16-5	Aroclor-1232	460	U
53469-21-9	Aroclor-1242	460	U
12672-29-6	Aroclor-1248	460	U
11097-69-1	Aroclor-1254	460	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-02

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746102 Lab File ID: 461-02.D

Sample wt/vol: 1.32 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0903

PercentSolids: 42.1 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	810	U
11096-82-5	Aroclor-1260	810	U
11104-28-2	Aroclor-1221	810	U
11141-16-5	Aroclor-1232	810	U
53469-21-9	Aroclor-1242	810	U
12672-29-6	Aroclor-1248	810	U
11097-69-1	Aroclor-1254	810	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103 Lab File ID: 461-03.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0928

PercentSolids: 86.8 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-04

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746104 Lab File ID: 461-04.D

Sample wt/vol: 1.11 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 0954

PercentSolids: 91.3 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-05

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746105 Lab File ID: 461-05.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1221

PercentSolids: 96.1 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	460	U
11096-82-5	Aroclor-1260	460	U
11104-28-2	Aroclor-1221	460	U
11141-16-5	Aroclor-1232	460	U
53469-21-9	Aroclor-1242	460	U
12672-29-6	Aroclor-1248	460	U
11097-69-1	Aroclor-1254	460	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746106 Lab File ID: 461-06.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1247

PercentSolids: 96.1 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	470	U
11096-82-5	Aroclor-1260	470	U
11104-28-2	Aroclor-1221	470	U
11141-16-5	Aroclor-1232	470	U
53469-21-9	Aroclor-1242	470	U
12672-29-6	Aroclor-1248	470	U
11097-69-1	Aroclor-1254	470	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-07

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746107 Lab File ID: 461-07.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1313

PercentSolids: 94.2 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	350	U
11096-82-5	Aroclor-1260	350	U
11104-28-2	Aroclor-1221	350	U
11141-16-5	Aroclor-1232	350	U
53469-21-9	Aroclor-1242	350	U
12672-29-6	Aroclor-1248	350	U
11097-69-1	Aroclor-1254	350	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746108 Lab File ID: 461-08.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1339

PercentSolids: 95.9 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	390	U
11096-82-5	Aroclor-1260	390	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-09

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746109 Lab File ID: 461-09.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1404

PercentSolids: 94.5 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SS-10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746110 Lab File ID: 461-10.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1430

PercentSolids: 86.6 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 393BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 248099 Lab File ID: 393BLK.D

Sample wt/vol: 1.46 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2259

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	310	U
11096-82-5	Aroclor-1260	310	U
11104-28-2	Aroclor-1221	310	U
11141-16-5	Aroclor-1232	310	U
53469-21-9	Aroclor-1242	310	U
12672-29-6	Aroclor-1248	310	U
11097-69-1	Aroclor-1254	310	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

393LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	9710	7720	79.5		21.0	40 - 140
Aroclor-1260	9710	7830	80.6		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507461

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 248382BLK was analyzed with the soil samples on 09/06/07. The following analyte(s) were detected below RL: Selenium at 0.703 MG/KG. Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507461

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

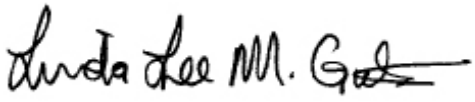
Sample NPP-SS-02 required a 1:10 dilution due to high concentration of the following analyte(s): Copper, Iron, Manganese.
Sample NPP-SS-02 required a 1:10 dilution due to matrix interference with the following analyte(s): Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Nickel, Selenium, Silver, Thallium, Vanadium.
Sample NPP-SS-02 required a 1:20 dilution due to high concentration of the following analyte(s): Zinc.

Samples NPP-SS-03, NPP-SS-04 required a 1:5 dilution due to high concentration of the following analyte(s): Copper, Iron.
Samples NPP-SS-03, NPP-SS-04 required a 1:5 dilution due to matrix interference with the following analyte(s): Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Manganese, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc.

Samples NPP-SS-06, NPP-SS-07, NPP-SS-08, NPP-SS-09 required a 1:5 dilution due to high concentration of the following analyte(s): Manganese.
Samples NPP-SS-06, NPP-SS-07, NPP-SS-08, NPP-SS-09 required a 1:5 dilution due to matrix interference with the following analyte(s): Lead, Selenium, Thallium.

Sample NPP-SS-10 required a 1:5 dilution due to high concentration of the following analyte(s): Iron, Manganese.
Sample NPP-SS-10 required a 1:5 dilution due to matrix interference with the following analyte(s): Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **09/07/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507461

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507461

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gale

SIGNED: **DATE: 09/05/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507461

SOW No.:

EPA Sample No	Lab Sample ID
NPP-SS-01	250746101
NPP-SS-02	250746102
NPP-SS-02DL1	250746102DL1
NPP-SS-02DL2	250746102DL2
NPP-SS-03	250746103
NPP-SS-03DL1	250746103DL1
NPP-SS-04	250746104
NPP-SS-04DL1	250746104DL1
NPP-SS-05	250746105
NPP-SS-06	250746106
NPP-SS-06DL1	250746106DL1
NPP-SS-07	250746107
NPP-SS-07DL1	250746107DL1
NPP-SS-08	250746108
NPP-SS-08DL1	250746108DL1
NPP-SS-09	250746109
NPP-SS-09DL1	250746109DL1
NPP-SS-10	250746110
NPP-SS-10DL1	250746110DL1

Were ICP interelement corrections applied?	Yes/No	Yes
Were ICP background corrections applied?	Yes/No	Yes
If yes - were raw data generated before application of background corrections?	Yes/No	No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746101

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 91.5 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	5330			P
7440-36-0	Antimony	51.7			P
7440-38-2	Arsenic	4.26			P
7440-39-3	Barium	54.1			P
7440-41-7	Beryllium	0.184	B		P
7440-43-9	Cadmium	1.64			P
7440-70-2	Calcium	1500			P
7440-47-3	Chromium	20.7			P
7440-48-4	Cobalt	3.33			P
7440-50-8	Copper	70.8			P
7439-89-6	Iron	12900			P
7439-92-1	Lead	33.9			P
7439-95-4	Magnesium	1150			P
7439-96-5	Manganese	140			P
7439-97-6	Mercury	0.0516			CV
7440-02-0	Nickel	10.3			P
7440-09-7	Potassium	424			P
7782-49-2	Selenium	0.384	U		P
7440-22-4	Silver	0.123	U		P
7440-23-5	Sodium	110			P
7440-28-0	Thallium	0.253	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-01

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746101

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 91.5 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	17			P
7440-66-6	Zinc	127			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-02

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746102

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 42.1 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	4980			P
7440-70-2	Calcium	6440			P
7439-95-4	Magnesium	818			P
7439-97-6	Mercury	0.163			CV
7440-09-7	Potassium	344			P
7440-23-5	Sodium	294			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-02DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746102DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 42.1 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	292			P
7440-38-2	Arsenic	39.3			P
7440-39-3	Barium	74.5			P
7440-41-7	Beryllium	1.7	U		P
7440-43-9	Cadmium	0.53	U		P
7440-47-3	Chromium	142			P
7440-48-4	Cobalt	13.2			P
7440-50-8	Copper	1320			P
7439-89-6	Iron	251000			P
7439-92-1	Lead	51.6			P
7439-96-5	Manganese	1200			P
7440-02-0	Nickel	92.6			P
7782-49-2	Selenium	17			P
7440-22-4	Silver	1.7	U		P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	20			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-02DL2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746102DL2

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 42.1 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	5620			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-03

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 86.8 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	12500			P
7440-70-2	Calcium	13000			P
7439-95-4	Magnesium	6840			P
7439-97-6	Mercury	0.0305			CV
7440-09-7	Potassium	325			P
7440-23-5	Sodium	54.1			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-03DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746103DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 86.8 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	2.38	B		P
7440-38-2	Arsenic	14.9			P
7440-39-3	Barium	49			P
7440-41-7	Beryllium	0.482	U		P
7440-43-9	Cadmium	1.4	B		P
7440-47-3	Chromium	27.2			P
7440-48-4	Cobalt	15			P
7440-50-8	Copper	53.4			P
7439-89-6	Iron	31100			P
7439-92-1	Lead	14.5			P
7439-96-5	Manganese	679			P
7440-02-0	Nickel	35.5			P
7782-49-2	Selenium	1.51	U		P
7440-22-4	Silver	0.482	U		P
7440-28-0	Thallium	0.995	U		P
7440-62-2	Vanadium	21.6			P
7440-66-6	Zinc	301			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-04

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746104

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 91.3 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	9340			P
7440-70-2	Calcium	8010			P
7439-95-4	Magnesium	5840			P
7439-97-6	Mercury	0.008	B		CV
7440-09-7	Potassium	780			P
7440-23-5	Sodium	82.6			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-04DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746104DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 91.3 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	15.2			P
7440-38-2	Arsenic	5.68			P
7440-39-3	Barium	86.8			P
7440-41-7	Beryllium	0.449	B		P
7440-43-9	Cadmium	0.136	U		P
7440-47-3	Chromium	32			P
7440-48-4	Cobalt	14.4			P
7440-50-8	Copper	45.9			P
7439-89-6	Iron	41300			P
7439-92-1	Lead	7.85			P
7439-96-5	Manganese	535			P
7440-02-0	Nickel	29.6			P
7782-49-2	Selenium	1.36	U		P
7440-22-4	Silver	0.434	U		P
7440-28-0	Thallium	0.895	U		P
7440-62-2	Vanadium	34.9			P
7440-66-6	Zinc	116			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-05

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746105

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 96.1 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	7010			P
7440-36-0	Antimony	4.68			P
7440-38-2	Arsenic	4.59			P
7440-39-3	Barium	25.7			P
7440-41-7	Beryllium	0.211	B		P
7440-43-9	Cadmium	0.0758	B		P
7440-70-2	Calcium	15000			P
7440-47-3	Chromium	14.1			P
7440-48-4	Cobalt	5.5			P
7440-50-8	Copper	18.8			P
7439-89-6	Iron	12600			P
7439-92-1	Lead	6.72			P
7439-95-4	Magnesium	2810			P
7439-96-5	Manganese	260			P
7439-97-6	Mercury	0.00436	B		CV
7440-02-0	Nickel	12.3			P
7440-09-7	Potassium	250			P
7782-49-2	Selenium	0.32	U		P
7440-22-4	Silver	0.102	U		P
7440-23-5	Sodium	109			P
7440-28-0	Thallium	0.211	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-05

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746105

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 96.1 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	12.2			P
7440-66-6	Zinc	38.6			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-06

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746106

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 96.1 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	10300			P
7440-36-0	Antimony	4.81			P
7440-38-2	Arsenic	3.68			P
7440-39-3	Barium	28			P
7440-41-7	Beryllium	0.231	B		P
7440-43-9	Cadmium	0.13	B		P
7440-70-2	Calcium	9310			P
7440-47-3	Chromium	17.7			P
7440-48-4	Cobalt	6.86			P
7440-50-8	Copper	17.9			P
7439-89-6	Iron	15800			P
7439-95-4	Magnesium	4080			P
7439-97-6	Mercury	0.00211	U		CV
7440-02-0	Nickel	14.6			P
7440-09-7	Potassium	276			P
7440-22-4	Silver	0.0957	U		P
7440-23-5	Sodium	995			P
7440-62-2	Vanadium	15.3			P
7440-66-6	Zinc	37.8			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-06DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746106DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 96.1 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-92-1	Lead	8.18			P
7439-96-5	Manganese	453			P
7782-49-2	Selenium	1.5	U		P
7440-28-0	Thallium	0.987	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-07

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746107

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 94.2 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	9120			P
7440-36-0	Antimony	4.66			P
7440-38-2	Arsenic	5.2			P
7440-39-3	Barium	22.4			P
7440-41-7	Beryllium	0.193	B		P
7440-43-9	Cadmium	0.262	B		P
7440-70-2	Calcium	5610			P
7440-47-3	Chromium	13.1			P
7440-48-4	Cobalt	7.8			P
7440-50-8	Copper	31			P
7439-89-6	Iron	16800			P
7439-95-4	Magnesium	3770			P
7439-97-6	Mercury	0.00465	B		CV
7440-02-0	Nickel	13.7			P
7440-09-7	Potassium	182			P
7440-22-4	Silver	0.117	B		P
7440-23-5	Sodium	91			P
7440-62-2	Vanadium	14.2			P
7440-66-6	Zinc	55			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-07DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746107DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 94.2 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-92-1	Lead	9.81			P
7439-96-5	Manganese	447			P
7782-49-2	Selenium	1.55	U		P
7440-28-0	Thallium	1.02	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-08

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746108

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 95.9 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	8580			P
7440-36-0	Antimony	17.1			P
7440-38-2	Arsenic	7.58			P
7440-39-3	Barium	30.5			P
7440-41-7	Beryllium	0.175	B		P
7440-43-9	Cadmium	0.254	B		P
7440-70-2	Calcium	4850			P
7440-47-3	Chromium	21.2			P
7440-48-4	Cobalt	8.24			P
7440-50-8	Copper	28.9			P
7439-89-6	Iron	17400			P
7439-95-4	Magnesium	3340			P
7439-97-6	Mercury	0.00753	B		CV
7440-02-0	Nickel	17.6			P
7440-09-7	Potassium	288			P
7440-22-4	Silver	0.129	B		P
7440-23-5	Sodium	109			P
7440-62-2	Vanadium	15.2			P
7440-66-6	Zinc	44.9			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-08DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746108DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 95.9 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-92-1	Lead	11			P
7439-96-5	Manganese	470			P
7782-49-2	Selenium	1.49	U		P
7440-28-0	Thallium	0.986	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-09

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746109

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 94.5 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	8000			P
7440-36-0	Antimony	5.3			P
7440-38-2	Arsenic	2.92			P
7440-39-3	Barium	40.8			P
7440-41-7	Beryllium	0.216	B		P
7440-43-9	Cadmium	0.173	B		P
7440-70-2	Calcium	6930			P
7440-47-3	Chromium	12.1			P
7440-48-4	Cobalt	6.85			P
7440-50-8	Copper	36.6			P
7439-89-6	Iron	19400			P
7439-95-4	Magnesium	3460			P
7439-97-6	Mercury	0.015	B		CV
7440-02-0	Nickel	14.2			P
7440-09-7	Potassium	508			P
7440-22-4	Silver	0.0893	U		P
7440-23-5	Sodium	222			P
7440-62-2	Vanadium	21.1			P
7440-66-6	Zinc	39.7			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-09DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746109DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 94.5 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-92-1	Lead	6.11			P
7439-96-5	Manganese	333			P
7782-49-2	Selenium	1.4	U		P
7440-28-0	Thallium	0.921	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746110

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 86.6 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	12400			P
7440-70-2	Calcium	7400			P
7439-95-4	Magnesium	6370			P
7439-97-6	Mercury	0.0315			CV
7440-09-7	Potassium	386			P
7440-23-5	Sodium	166			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SS-10DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Lab Sample ID: 250746110DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 86.6 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	15.1			P
7440-38-2	Arsenic	4.7			P
7440-39-3	Barium	158			P
7440-41-7	Beryllium	0.405	B		P
7440-43-9	Cadmium	0.615	B		P
7440-47-3	Chromium	36.9			P
7440-48-4	Cobalt	12.6			P
7440-50-8	Copper	45			P
7439-89-6	Iron	26300			P
7439-92-1	Lead	27			P
7439-96-5	Manganese	848			P
7440-02-0	Nickel	29.6			P
7782-49-2	Selenium	1.37	B		P
7440-22-4	Silver	0.376	U		P
7440-28-0	Thallium	0.774	U		P
7440-62-2	Vanadium	28.1			P
7440-66-6	Zinc	179			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

080907 1018

QC Summary

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DUPLICATES

EPA Sample No.

247800LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.258		0.253		2.0		CV

Comments:

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DUPLICATES

EPA Sample No.

248384LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4680		4580		2.2		P
Antimony	20	47.9		46.5		3.0		P
Arsenic	20	46.7		45.4		2.8		P
Barium	20	137		134		2.2		P
Beryllium	20	48.2		46.9		2.7		P
Cadmium	20	46.2		45.2		2.2		P
Calcium	20	4570		4480		2.0		P
Chromium	20	48		46.9		2.3		P
Cobalt	20	45.8		44.8		2.2		P
Copper	20	48.5		47.6		1.9		P
Iron	20	4860		4760		2.1		P
Lead	20	47.9		46.5		3.0		P
Magnesium	20	4370		4240		3.0		P
Manganese	20	48.2		47.1		2.3		P
Nickel	20	46.7		45.5		2.6		P
Potassium	20	4670		4580		1.9		P
Selenium	20	45.1		44.7		0.9		P
Silver	20	19.3		18.8		2.6		P
Sodium	20	4700		4620		1.7		P
Thallium	20	45.6		44.9		1.5		P
Vanadium	20	49.2		48		2.5		P
Zinc	20	46		44.8		2.6		P

Comments:

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247800LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.258		80	120	86.0

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247800LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.253		80	120	84.3

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248383LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4680		80 - 120	93.6
Antimony				50	47.9		80 - 120	95.8
Arsenic				50	46.7		80 - 120	93.4
Barium				150	137		80 - 120	91.3
Beryllium				50	48.2		80 - 120	96.4
Cadmium				50	46.2		80 - 120	92.4
Calcium				5000	4570		80 - 120	91.4
Chromium				50	48		80 - 120	96.0
Cobalt				50	45.8		80 - 120	91.6
Copper				50	48.5		80 - 120	97.0
Iron				5000	4860		80 - 120	97.2
Lead				50	47.9		80 - 120	95.8
Magnesium				5000	4370		80 - 120	87.4
Manganese				50	48.2		80 - 120	96.4
Nickel				50	46.7		80 - 120	93.4
Potassium				5000	4670		80 - 120	93.4
Selenium				50	45.1		80 - 120	90.2
Silver				20	19.3		80 - 120	96.5
Sodium				5000	4700		80 - 120	94.0
Thallium				50	45.6		80 - 120	91.2
Vanadium				50	49.2		80 - 120	98.4
Zinc				50	46		80 - 120	92.0

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248384LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507461

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	%R
Aluminum				5000	4580		80 - 120	91.6
Antimony				50	46.5		80 - 120	93.0
Arsenic				50	45.4		80 - 120	90.8
Barium				150	134		80 - 120	89.3
Beryllium				50	46.9		80 - 120	93.8
Cadmium				50	45.2		80 - 120	90.4
Calcium				5000	4480		80 - 120	89.6
Chromium				50	46.9		80 - 120	93.8
Cobalt				50	44.8		80 - 120	89.6
Copper				50	47.6		80 - 120	95.2
Iron				5000	4760		80 - 120	95.2
Lead				50	46.5		80 - 120	93.0
Magnesium				5000	4240		80 - 120	84.8
Manganese				50	47.1		80 - 120	94.2
Nickel				50	45.5		80 - 120	91.0
Potassium				5000	4580		80 - 120	91.6
Selenium				50	44.7		80 - 120	89.4
Silver				20	18.8		80 - 120	94.0
Sodium				5000	4620		80 - 120	92.4
Thallium				50	44.9		80 - 120	89.8
Vanadium				50	48		80 - 120	96.0
Zinc				50	44.8		80 - 120	89.6

Chain of Custody Documentation

080907 1018

PEL Laboratories, Inc.
1010000 1000101 1100110
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Chain of Custody Record
Record/Work Request

2507461 KC

Company: TNF Assoc	Project Name/Number: NPP – 2005148 – 1089	Page 1 of 2
Address: 1220 KENNESTONE CIR MARIETTA GA	Project Manager: L. van OLDENBURG	DEP Form #: 62-770.900(2)
Phone: 678-355-5550 Fax: 6783553545	Purchase Order:	Form Title: Chain of Custody Record
Print Names(s) / Affiliation: L. van OLDENBURG	Preservatives (see codes)	Effective Date: September 23, 1997
Sampler(s) Signature(s)	Analyses Requested	FDEP Facility No.
		Project Name:
		Sampling CompQAP No:
		Approval Date:

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	8260	8270	8082	60 10	REQUESTED DUE DATE / / Remarks	Lab. No.
1	NPP-SS – 01	8-27-7	12:05	C	SO	6	X	X	X	X		01
2	02		13:35									02
3	03		13:25									03
4	04		13:55									04
5	05		12:20									05
6	06		11:55									06
7	07		11:15									07
8	08		11:20									08
9	NPP-SS 09	8-27-7	12:40	C	SO	6	X	X	X	X		09
Shipment Method						54 ← Total Number of Containers						

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/17/07	1100		8/27/7	10:30
Additional Comments: PW Vials + Jars				8/27/7	17:00	Fedex IPA	8/28/07	1030

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
cooler 4.0c		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507461

172

PEL Laboratories, Inc.

Chain of Custody Record
Record/Work Request

2507461 KC

4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Company: TNE Associates

Project Name/Number: NPP - 2005148 - 1089

Page 2 of 2

Address: 1220 Kennestone Circle
Marietta GA

Project Manager: L. von Oldenburg

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997

Phone: 678 - 355 - 5550 Fax: 678 - 355-5545

Purchase Order:

FDEP Facility No.

Project Name:

Print Names(s) / Affiliation: L. von Oldenburg

Preservatives (see codes)

Sampling CompQAP No:

Approval Date:

Sampler(s) Signature(s)

Analyses Requested

REQUESTED DUE DATE / /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	8260	8270	8082	4010	Remarks	Lab. No.
10	NPP-SS-10	8-27-7	13:15	C	SO	6	X	X	X	X		10

Shipment Method: 6 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		J. Hunter PEL	08/17/07	1100	[signature]	8/27/7	10:31
Additional Comments:	TW Vials + Jars		[signature]	8/27/7	1200	[signature] Edall PEL	8/28/07	1030

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
received 4.0c		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507461

173

7

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7890

0235

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337890

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005-6 L-69

3 To

Recipient's Name _____ Phone 813 247 2865

Company PSL LMS

Recipient's Address 4450 PINE ISLAND RD Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address _____

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33611

0366274374

8630 3433 7890

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

[redacted]

Total Packages 1 Total Weight 62 [redacted] Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx Express **US Airbill**

FedEx Tracking Number **8630 3433 7857**

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337857

Sender's Name TN & ASSOCIATES INC Phone 678 355--5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2015x - 1089

3 To

Recipient's Name _____ Phone 813 247 2[illegible]

Company P[illegible]

Recipient's Address _____ Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address [illegible] Prairie Point Dr

To request a package be held at a specific FedEx location, print FedEx address here.

City Tampa State FL ZIP 33617

0366274374

8630 3433 7857

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other — * Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages	Total Weight		
1	60	[redacted]	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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8

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7905

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date | FedEx Tracking Number 863034337905

Sender's Name TN & ASSOCIATES INC | Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR | Dept./Floor/Suite/Room

City MARIETTA | State GA | ZIP 30066-6045

2 Your Internal Billing Reference 2cg/43 ash

3 To

Recipient's Name | Phone 813 247-2145

Company PEL LABS

Recipient's Address 4420 PENDOLA POINT RD | Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City Tampa | State FL | ZIP 33619

0366274374

8630 3433 7905

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages	Total Weight		
1	56		Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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4

28

FedEx. US Airbill
Express

FedEx Tracking Number 8630 3433 7868

0215 Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date

FedEx Tracking Number 863034337868

Sender's Name TN & ASSOCIATES INC Phone 678 353 9550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005118-1059

3 To

Recipient's Name Phone 813 247 2805

Company PEL LABS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 4030 HOOVER POINTE DR

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7868

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

4a Express Package Service — Packages up to 150 lbs.

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — Packages over 150 lbs.

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [x] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 1.0 lbs

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

Credit Card Auth.

8 Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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6

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7880

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337880

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept/Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference Desk #1 - 109

3 To

Recipient's Name _____ Phone 813 247-3805

Company P&L LNDS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept/Floor/Suite/Room

Address 4430 [illegible] POINT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7880

Recipient's Copy

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____

** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages 1 Total Weight 50 [redacted] Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7879

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date — FedEx Tracking Number 863034337879

Sender's Name TN & ASSOCIATES INC — Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR — Dept./Floor/Suite/Room

City MARIETTA — State GA — ZIP 30066-6045

2 Your Internal Billing Reference 2005148-1087

3 To

Recipient's Name — Phone 813 247 9805

Company PEL CARS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. — Dept./Floor/Suite/Room

Address 4400 DOMINICA POINT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA — State FL — ZIP 33619

.0366274374

8630 3433 7879

0215 **Recipient's Copy**

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. — * To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: — ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. — [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below. — Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages: 1 — Total Weight: 50 — Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

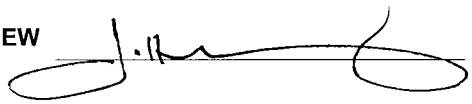
SDG:	2507461	**Req:**	83511
Client:	TN&A	**Project:**	National Petroleum Packers
Level:	2	**Date Rec'd:**	8/28/07 10:30:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/07/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW 

Client: TN&A

WONo: 2507461 **Profile Name:** Nat'l Petro. **Profile #:** 83511

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 10	Dry Weight	Dry Weight	N/A			
01 - 10	Dry Weight	Dry Weight				
01 - 10	7470	Mercury		BMD	082807	1200
01 - 10	7470	Mercury	N/A			
01 - 10	6010	Metals		BMD	082807	1200
01 - 10	6010	Metals	N/A			
01 - 10	8260	Volatile Organic Compounds		MSJ	9/25/07	12:00
01 - 10	8260	Volatile Organic Compounds		custom		
01 - 10	8270	GCMS semivolatile		SL	8/30/07	12:00
01 - 10	8270	GCMS semivolatile	SL		8/30/07	20:00
01 - 10	8082	PCB		PC	8/30/07	900
01 - 10	8082	PCB	PC		8/30/07	1400

Additional:

Comments:

Addendum

080907 1018

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/28/2007 10:30:00 AM

Date to be Reported: 9/10/2007

Laboratory Submission Number/SDG: 2507461

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507461

Project: National Petroleum Packers

Samples: The submission consisted of 10 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

10-day TAT.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level 2

Total of: 50 analyses on 10 samples (including QC) *30-Aug-07*

Report/SDG #: 2507461

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SS-01	250746101		S	8/27/2007 12:05:00 PM	8/28/2007 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SS-02	250746102		S	8/27/2007 1:35:00 PM	8/28/2007 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SS-03	250746103		S	8/27/2007 1:25:00 PM	8/28/2007 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507461

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SS-04	250746104		S	8/27/2007 1:55:00 PM	8/28/2007 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SS-05	250746105		S	8/27/2007 12:20:00 PM	8/28/2007 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SS-06	250746106		S	8/27/2007 11:55:00 AM	8/28/2007 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507461

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SS-07	250746107		S	8/27/2007 11:15:00 AM	8/28/2007 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SS-08	250746108		S	8/27/2007 11:20:00 AM	8/28/2007 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SS-09	250746109		S	8/27/2007 12:40:00 PM	8/28/2007 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507461

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SS-10	250746110		S	8/27/2007 1:15:00 PM	8/28/2007 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

From: Darcy Weisman
Sent: Friday, September 07, 2007 10:10 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: TNA 2507461 8260 soil
Importance: High

Good morning.

-----Original Message-----
From: Lisa Pelo
Sent: Friday, September 07, 2007 9:58 AM
To: Project Managers
Subject: TNA 2507461 8260 soil
Importance: High

Please notify the project chemist of the following:

Samples NPP-SS-02 and NPP-SS-10 both had ISTD failures for both PW vial runs. No data could be quantitated for either low level analysis. These samples were analyzed as high level extractions and will be reported as such.

Sample NPP-SS-03 required a high level extraction and analysis do to a high concentration of Acetone. Both low and high level analyses will be reported.

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/28/2007 10:30:00 AM
Date Reported:	9/12/2007
Laboratory Submission Number/SDG:	2507462
Project:	National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative c the qualities of apparently identical or similar materials

Organics 12
METHOD 8260 GC/ MS VOLATILE ORGANICS 15
Sample Data 20
QC Summary 81
METHOD 8270 GC/ MS SEMI- VOLATILE ORGANICS 100
Sample Data 107
QC Summary 162
METHOD 8082 GC/ ECD PCB ORGANICS..... 169
Sample Data 173
QC Summary 192

Inorganics..... 195
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Sample Data 204
QC Summary 241

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EXECUTIVE SUMMARY - Detection Highlights

2507462

SAMPLE ID: NPPD183

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Arsenic	3.52 B	4.35	MG/KG	SW6010B
Potassium	499	217	MG/KG	SW6010B
Mercury	0.00934 B	0.0193	MG/KG	SW7470A

SAMPLE ID: NPPD247

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.304 B	0.958	MG/KG	SW6010B
Cadmium	0.0503 B	0.479	MG/KG	SW6010B
Calcium	304	9.58	MG/KG	SW6010B
Iron	3.23 B	4.79	MG/KG	SW6010B
Lead	0.431 B	0.651	MG/KG	SW6010B
Sodium	12.3 B	28.7	MG/KG	SW6010B
Mercury	0.00862 B	0.0198	MG/KG	SW7470A
1,2,4-Trimethylbenzene	1830	1080	UG/KG	SW8260B
1,3,5-Trimethylbenzene	599 J	1080	UG/KG	SW8260B
Benzene	1410	1080	UG/KG	SW8260B
Ethylbenzene	933 J	1080	UG/KG	SW8260B
n-Butylbenzene	4500	1080	UG/KG	SW8260B
n-Propylbenzene	230 J	1080	UG/KG	SW8260B
o-Xylene	1460	1080	UG/KG	SW8260B
p,m-Xylene	4060	2150	UG/KG	SW8260B
Toluene	2490	1080	UG/KG	SW8260B
Naphthalene	246000 J	361000	UG/KG	SW8270C

SAMPLE ID: NPPD247DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Naphthalene	163000	10800	UG/KG	SW8260B

120907 1525

EXECUTIVE SUMMARY - Detection Highlights

2507462

SAMPLE ID: NPPD248

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	4.25 B	9.73	MG/KG	SW6010B
Antimony	0.297 B	0.973	MG/KG	SW6010B
Barium	0.278 B	0.486	MG/KG	SW6010B
Cadmium	0.659	0.486	MG/KG	SW6010B
Calcium	6730	9.73	MG/KG	SW6010B
Copper	0.21 B	0.486	MG/KG	SW6010B
Iron	5.65	4.86	MG/KG	SW6010B
Lead	0.744	0.661	MG/KG	SW6010B
Magnesium	31.4	9.73	MG/KG	SW6010B
Manganese	1.62	0.486	MG/KG	SW6010B
Sodium	33.5	29.2	MG/KG	SW6010B
Zinc	1.53	0.973	MG/KG	SW6010B
Mercury	0.0088 B	0.0198	MG/KG	SW7470A
1,2,4-Trimethylbenzene	108000	8200	UG/KG	SW8260B
1,3,5-Trimethylbenzene	42100	8200	UG/KG	SW8260B
4-Isopropyltoluene	15600	8200	UG/KG	SW8260B
Benzene	70100	8200	UG/KG	SW8260B
Ethylbenzene	121000	8200	UG/KG	SW8260B
Isopropylbenzene (Cume	9640	8200	UG/KG	SW8260B
n-Butylbenzene	23500	8200	UG/KG	SW8260B
n-Propylbenzene	17500	8200	UG/KG	SW8260B
o-Xylene	238000	8200	UG/KG	SW8260B
p,m-Xylene	579000	16400	UG/KG	SW8260B
sec-Butylbenzene	15600	8200	UG/KG	SW8260B
Toluene	66900	8200	UG/KG	SW8260B
2-Methylnaphthalene	45100 J	308000	UG/KG	SW8270C
Naphthalene	875000	308000	UG/KG	SW8270C
Phenanthrene	58600 J	308000	UG/KG	SW8270C

SAMPLE ID: NPPD248DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Naphthalene	1230000	328000	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507462

SAMPLE ID: NPPD249

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.3 B	9.14	MG/KG	SW6010B
Barium	0.242 B	0.457	MG/KG	SW6010B
Cadmium	0.118 B	0.457	MG/KG	SW6010B
Calcium	695	9.14	MG/KG	SW6010B
Copper	6.37	0.457	MG/KG	SW6010B
Iron	8.43	4.57	MG/KG	SW6010B
Magnesium	99.4	9.14	MG/KG	SW6010B
Sodium	11.1 B	27.4	MG/KG	SW6010B
Zinc	31.7	0.914	MG/KG	SW6010B
Mercury	0.00953 B	0.0192	MG/KG	SW7470A
1,3,5-Trimethylbenzene	647 J	952	UG/KG	SW8260B
2-Butanone	1870 J	4760	UG/KG	SW8260B
2-Hexanone	1560 J	1900	UG/KG	SW8260B
Ethylbenzene	461 J	952	UG/KG	SW8260B
Naphthalene	5110	952	UG/KG	SW8260B
n-Butylbenzene	741 J	952	UG/KG	SW8260B
n-Propylbenzene	242 J	952	UG/KG	SW8260B
o-Xylene	782 J	952	UG/KG	SW8260B
p,m-Xylene	2240	1900	UG/KG	SW8260B
Toluene	1950	952	UG/KG	SW8260B

SAMPLE ID: NPPD250

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Cadmium	0.0906 B	0.467	MG/KG	SW6010B
Calcium	366	9.34	MG/KG	SW6010B
Copper	1.05	0.467	MG/KG	SW6010B
Magnesium	5.44 B	9.34	MG/KG	SW6010B
Zinc	8.52	0.934	MG/KG	SW6010B
Mercury	0.00997 B	0.0197	MG/KG	SW7470A
1,3,5-Trimethylbenzene	643 J	645	UG/KG	SW8260B
Benzene	9390	645	UG/KG	SW8260B
Ethylbenzene	3420	645	UG/KG	SW8260B
Naphthalene	19300	645	UG/KG	SW8260B
n-Butylbenzene	658	645	UG/KG	SW8260B
n-Propylbenzene	301 J	645	UG/KG	SW8260B
o-Xylene	4190	645	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507462

p,m-Xylene	15600	1290	UG/KG	SW8260B
Toluene	5200	645	UG/KG	SW8260B
Naphthalene	65400 J	323000	UG/KG	SW8270C

SAMPLE ID: NPPD252

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	73.2	0.94	MG/KG	SW6010B
Arsenic	0.548 B	0.94	MG/KG	SW6010B
Calcium	22	9.4	MG/KG	SW6010B
Chromium	0.387 B	0.47	MG/KG	SW6010B
Copper	0.393 B	0.47	MG/KG	SW6010B
Iron	155	4.7	MG/KG	SW6010B
Magnesium	6.96 B	9.4	MG/KG	SW6010B
Manganese	1.49	0.47	MG/KG	SW6010B
Nickel	1.97	0.47	MG/KG	SW6010B
Potassium	507	47	MG/KG	SW6010B
Selenium	1.28	0.94	MG/KG	SW6010B
Sodium	3980	28.2	MG/KG	SW6010B
Zinc	1.82	0.94	MG/KG	SW6010B
Mercury	0.00885 B	0.0198	MG/KG	SW7470A
1,2-Dichlorobenzene	563	500	UG/KG	SW8260B
2-Butanone	1800 J	2500	UG/KG	SW8260B
4-Isopropyltoluene	220 J	500	UG/KG	SW8260B
4-Methyl-2-pentanone	1660	1000	UG/KG	SW8260B
Benzene	209 J	500	UG/KG	SW8260B
Ethylbenzene	166 J	500	UG/KG	SW8260B
Methylene chloride	676 J	1250	UG/KG	SW8260B
Naphthalene	1670	500	UG/KG	SW8260B
Toluene	326 J	500	UG/KG	SW8260B

SAMPLE ID: NPPD253

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	16.3	0.962	MG/KG	SW6010B
Calcium	57	9.62	MG/KG	SW6010B
Copper	1.59	0.481	MG/KG	SW6010B
Iron	12	4.81	MG/KG	SW6010B
Magnesium	10.9	9.62	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507462

Manganese	0.815	0.481	MG/KG	SW6010B
Nickel	0.335 B	0.481	MG/KG	SW6010B
Potassium	415	48.1	MG/KG	SW6010B
Sodium	1270	28.8	MG/KG	SW6010B
Zinc	1.28	0.962	MG/KG	SW6010B
Mercury	0.00998 B	0.0189	MG/KG	SW7470A
Acetone	3310	2780	UG/KG	SW8260B

SAMPLE ID: NPPD254

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	69.8	0.934	MG/KG	SW6010B
Arsenic	0.572 B	0.934	MG/KG	SW6010B
Calcium	20.4	9.34	MG/KG	SW6010B
Chromium	0.494	0.467	MG/KG	SW6010B
Copper	1.46	0.467	MG/KG	SW6010B
Iron	306	4.67	MG/KG	SW6010B
Magnesium	7.66 B	9.34	MG/KG	SW6010B
Manganese	1.61	0.467	MG/KG	SW6010B
Nickel	2.06	0.467	MG/KG	SW6010B
Potassium	561	46.7	MG/KG	SW6010B
Selenium	1.09	0.934	MG/KG	SW6010B
Sodium	3620	28	MG/KG	SW6010B
Zinc	2.54	0.934	MG/KG	SW6010B
Mercury	0.00887 B	0.0193	MG/KG	SW7470A
1,2-Dichlorobenzene	441 J	535	UG/KG	SW8260B
2-Butanone	1600 J	2670	UG/KG	SW8260B
4-Isopropyltoluene	120 J	535	UG/KG	SW8260B
4-Methyl-2-pentanone	1540	1070	UG/KG	SW8260B
Acetone	2910	2670	UG/KG	SW8260B
Benzene	161 J	535	UG/KG	SW8260B
Methylene chloride	584 J	1340	UG/KG	SW8260B
Naphthalene	926	535	UG/KG	SW8260B
Toluene	208 J	535	UG/KG	SW8260B
Phenanthrene	54700 J	323000	UG/KG	SW8270C

SAMPLE ID: NPPD260

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD

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EXECUTIVE SUMMARY - Detection Highlights

2507462

Antimony	0.322 B	0.99	MG/KG	SW6010B
Copper	1.29	0.495	MG/KG	SW6010B
Iron	5.62	4.95	MG/KG	SW6010B
Potassium	22.5 B	49.5	MG/KG	SW6010B
Sodium	34.4	29.7	MG/KG	SW6010B
Zinc	12.8	0.99	MG/KG	SW6010B
Mercury	0.0118 B	0.0198	MG/KG	SW7470A
1,2,4-Trimethylbenzene	2680	833	UG/KG	SW8260B
1,2-Dichloroethane	770 J	833	UG/KG	SW8260B
1,3,5-Trimethylbenzene	835	833	UG/KG	SW8260B
4-Isopropyltoluene	347 J	833	UG/KG	SW8260B
4-Methyl-2-pentanone	639 J	1670	UG/KG	SW8260B
Benzene	1070	833	UG/KG	SW8260B
Ethylbenzene	960	833	UG/KG	SW8260B
Isopropylbenzene (Cume	226 J	833	UG/KG	SW8260B
Naphthalene	1830	833	UG/KG	SW8260B
n-Butylbenzene	631 J	833	UG/KG	SW8260B
n-Propylbenzene	483 J	833	UG/KG	SW8260B
o-Xylene	1360	833	UG/KG	SW8260B
p,m-Xylene	2780	1670	UG/KG	SW8260B
sec-Butylbenzene	228 J	833	UG/KG	SW8260B
Toluene	16800	833	UG/KG	SW8260B

SAMPLE ID: NPPD261

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.638 B	0.931	MG/KG	SW6010B
Calcium	4.96 B	9.31	MG/KG	SW6010B
Copper	0.631	0.466	MG/KG	SW6010B
Iron	13	4.66	MG/KG	SW6010B
Potassium	70.2	46.6	MG/KG	SW6010B
Sodium	140	27.9	MG/KG	SW6010B
Zinc	26.4	0.931	MG/KG	SW6010B
Mercury	0.00695 B	0.02	MG/KG	SW7470A
1,2,4-Trimethylbenzene	2960	1020	UG/KG	SW8260B
1,3,5-Trimethylbenzene	1070	1020	UG/KG	SW8260B
4-Isopropyltoluene	401 J	1020	UG/KG	SW8260B
Benzene	1170	1020	UG/KG	SW8260B
Ethylbenzene	1090	1020	UG/KG	SW8260B
Isopropylbenzene (Cume	249 J	1020	UG/KG	SW8260B
Naphthalene	2080	1020	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507462

n-Butylbenzene	718 J	1020	UG/KG	SW8260B
n-Propylbenzene	549 J	1020	UG/KG	SW8260B
o-Xylene	1550	1020	UG/KG	SW8260B
p,m-Xylene	3040	2040	UG/KG	SW8260B
sec-Butylbenzene	265 J	1020	UG/KG	SW8260B
tert-Butylbenzene	564 J	1020	UG/KG	SW8260B
Toluene	19100	1020	UG/KG	SW8260B

SAMPLE ID: NPPD264

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.218 B	0.928	MG/KG	SW6010B
Iron	0.771 B	4.64	MG/KG	SW6010B
Potassium	5.57 B	46.4	MG/KG	SW6010B
Sodium	60.4	27.8	MG/KG	SW6010B
Mercury	0.0101 B	0.02	MG/KG	SW7470A
1,2,4-Trichlorobenzene	488 J	893	UG/KG	SW8260B
1,2,4-Trimethylbenzene	1920	893	UG/KG	SW8260B
1,2-Dichlorobenzene	364 J	893	UG/KG	SW8260B
1,3,5-Trimethylbenzene	418 J	893	UG/KG	SW8260B
4-Isopropyltoluene	947	893	UG/KG	SW8260B
4-Methyl-2-pentanone	1530 J	1780	UG/KG	SW8260B
Benzene	603 J	893	UG/KG	SW8260B
Bromodichloromethane	584 J	893	UG/KG	SW8260B
Ethylbenzene	922	893	UG/KG	SW8260B
Naphthalene	2660	893	UG/KG	SW8260B
n-Butylbenzene	728 J	893	UG/KG	SW8260B
n-Propylbenzene	470 J	893	UG/KG	SW8260B
o-Xylene	1230	893	UG/KG	SW8260B
p,m-Xylene	1820	1780	UG/KG	SW8260B
sec-Butylbenzene	1740	893	UG/KG	SW8260B
Toluene	1940	893	UG/KG	SW8260B
Phenanthrene	58100 J	348000	UG/KG	SW8270C

SAMPLE ID: NPPD266

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.22 B	9.62	MG/KG	SW6010B
Antimony	47.1	0.962	MG/KG	SW6010B

120907 1525

EXECUTIVE SUMMARY - Detection Highlights

2507462

Chromium	0.69	0.481	MG/KG	SW6010B
Iron	3610	4.81	MG/KG	SW6010B
Manganese	20.2	0.481	MG/KG	SW6010B
Zinc	0.815 B	0.962	MG/KG	SW6010B
Mercury	0.00574 B	0.0197	MG/KG	SW7470A
Acetone	19500	2920	UG/KG	SW8260B

SAMPLE ID: NPPD267

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.54 B	0.973	MG/KG	SW6010B
Iron	3.29 B	4.86	MG/KG	SW6010B
Potassium	6.94 B	48.6	MG/KG	SW6010B
Sodium	10.3 B	29.2	MG/KG	SW6010B
Mercury	0.00854 B	0.0197	MG/KG	SW7470A
1,2,4-Trichlorobenzene	369 J	806	UG/KG	SW8260B
1,2,4-Trimethylbenzene	915	806	UG/KG	SW8260B
1,2-Dichlorobenzene	226 J	806	UG/KG	SW8260B
2-Butanone	1920 J	4030	UG/KG	SW8260B
4-Isopropyltoluene	394 J	806	UG/KG	SW8260B
4-Methyl-2-pentanone	874 J	1610	UG/KG	SW8260B
Benzene	313 J	806	UG/KG	SW8260B
Ethylbenzene	438 J	806	UG/KG	SW8260B
Naphthalene	2000	806	UG/KG	SW8260B
n-Butylbenzene	332 J	806	UG/KG	SW8260B
n-Propylbenzene	213 J	806	UG/KG	SW8260B
o-Xylene	576 J	806	UG/KG	SW8260B
p,m-Xylene	810 J	1610	UG/KG	SW8260B
Toluene	868	806	UG/KG	SW8260B

SAMPLE ID: NPPD268

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.76 B	9.9	MG/KG	SW6010B
Antimony	0.485 B	0.99	MG/KG	SW6010B
Calcium	66.4	9.9	MG/KG	SW6010B
Copper	0.238 B	0.495	MG/KG	SW6010B
Iron	121	4.95	MG/KG	SW6010B
Magnesium	27.4	9.9	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507462

Manganese	1.63	0.495	MG/KG	SW6010B
Potassium	69.5	49.5	MG/KG	SW6010B
Selenium	0.781 B	0.99	MG/KG	SW6010B
Sodium	669	29.7	MG/KG	SW6010B
Zinc	1.11	0.99	MG/KG	SW6010B
Mercury	0.00619 B	0.0199	MG/KG	SW7470A
2-Butanone	5500	2250	UG/KG	SW8260B
Acetone	13700	2250	UG/KG	SW8260B
Naphthalene	209 J	450	UG/KG	SW8260B
4-Methylphenol	56600 J	336000	UG/KG	SW8270C

SAMPLE ID: NPPD269

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	10.8	9.4	MG/KG	SW6010B
Antimony	0.477 B	0.94	MG/KG	SW6010B
Barium	0.178 B	0.47	MG/KG	SW6010B
Calcium	248	9.4	MG/KG	SW6010B
Cobalt	0.129 B	0.47	MG/KG	SW6010B
Copper	0.323 B	0.47	MG/KG	SW6010B
Iron	567	4.7	MG/KG	SW6010B
Magnesium	102	9.4	MG/KG	SW6010B
Manganese	8.74	0.47	MG/KG	SW6010B
Potassium	105	47	MG/KG	SW6010B
Selenium	0.867 B	0.94	MG/KG	SW6010B
Sodium	838	28.2	MG/KG	SW6010B
Zinc	2.2	0.94	MG/KG	SW6010B
Mercury	0.00485 B	0.0194	MG/KG	SW7470A
1,2,4-Trimethylbenzene	714 J	725	UG/KG	SW8260B
1,2-Dichlorobenzene	3450	725	UG/KG	SW8260B
Naphthalene	1840	725	UG/KG	SW8260B
n-Butylbenzene	272 J	725	UG/KG	SW8260B
sec-Butylbenzene	639 J	725	UG/KG	SW8260B

SAMPLE ID: NPPD270

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	42.6	9.36	MG/KG	SW6010B
Antimony	19.3	0.936	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507462

Arsenic	0.609 B	0.936	MG/KG	SW6010B
Barium	1.65	0.468	MG/KG	SW6010B
Calcium	215	9.36	MG/KG	SW6010B
Chromium	0.647	0.468	MG/KG	SW6010B
Cobalt	0.172 B	0.468	MG/KG	SW6010B
Copper	7.83	0.468	MG/KG	SW6010B
Iron	1320	4.68	MG/KG	SW6010B
Lead	2.98	0.637	MG/KG	SW6010B
Magnesium	36.5	9.36	MG/KG	SW6010B
Manganese	9.16	0.468	MG/KG	SW6010B
Nickel	0.426 B	0.468	MG/KG	SW6010B
Potassium	135	46.8	MG/KG	SW6010B
Selenium	0.57 B	0.936	MG/KG	SW6010B
Sodium	329	28.1	MG/KG	SW6010B
Vanadium	0.217 B	0.468	MG/KG	SW6010B
Zinc	8.06	0.936	MG/KG	SW6010B
Mercury	0.0484	0.019	MG/KG	SW7470A
2-Butanone	1300 J	2440	UG/KG	SW8260B
Acetone	5730	2440	UG/KG	SW8260B
Ethylbenzene	823	488	UG/KG	SW8260B
Naphthalene	520	488	UG/KG	SW8260B
p,m-Xylene	655 J	976	UG/KG	SW8260B

SAMPLE ID: NPPD271

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	10.1	9.82	MG/KG	SW6010B
Copper	0.317 B	0.491	MG/KG	SW6010B
Iron	3.47 B	4.91	MG/KG	SW6010B
Magnesium	7.29 B	9.82	MG/KG	SW6010B
Manganese	0.196 B	0.491	MG/KG	SW6010B
Potassium	315	49.1	MG/KG	SW6010B
Selenium	0.74 B	0.982	MG/KG	SW6010B
Sodium	2690	29.5	MG/KG	SW6010B
Vanadium	0.202 B	0.491	MG/KG	SW6010B
Zinc	0.413 B	0.982	MG/KG	SW6010B
MTBE	584	546	UG/KG	SW8260B
Naphthalene	930	546	UG/KG	SW8260B
sec-Butylbenzene	176 J	546	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507462

SAMPLE ID: NPPD37

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	7.3	4.87	MG/KG	SW6010B
Potassium	2260	48.7	MG/KG	SW6010B
Selenium	0.606 B	0.975	MG/KG	SW6010B
Sodium	51	29.2	MG/KG	SW6010B
Zinc	4.05	0.975	MG/KG	SW6010B
Acetone	3990	2760	UG/KG	SW8260B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample NPPD183 was recovered below criteria for the following surrogate(s): 1,2-Dichloroethane-d4 at 0 % with criteria of (71-124), 4-Bromofluorobenzene at 0 % with criteria of (54-126), Dibromofluoromethane at 0 % with criteria of (68-119), Toluene d8 at 0 % with criteria of (59-127). No further action was taken. All of the surrogates were diluted out due to the high dilution required, which was based on the screening process.

Sample NPPD248 was recovered above criteria for the following surrogate(s): 4-Bromofluorobenzene at 202 % with criteria of (54-126). No further action was taken, since the three other surrogates met acceptance criteria.

Sample NPPD248DL1 was recovered below criteria for the following surrogate(s): 1,2-Dichloroethane-d4 at 0 % with criteria of (71-124), 4-Bromofluorobenzene at 0 % with criteria of (54-126), Dibromofluoromethane at 0 % with criteria of (68-119), Toluene d8 at 0 % with criteria of (59-127). No further action was taken. All of the surrogates were diluted out due to the high dilution required.

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 090607LCSA34 was analyzed with the soil samples on 09/06/07. The following analyte was recovered below criteria: 2,2-Dichloropropane at 68.5 % with criteria of (70-130).

LCS 090707LCSA32 was analyzed with the soil samples on 09/07/07. The following analyte was recovered above criteria: 2,2-Dichloropropane at 131 % with criteria of (70-130).

No further action was required. Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

Sample NPPD183 required a 1:5000 dilution due to extreme foaming upon the purging process. There were no quantitated findings and all the surrogates were diluted out due to the high dilution required.

Sample NPPD247 required an additional 1:500 dilution due to a high concentration of Naphthalene. Both diluted runs are reported.

Sample NPPD248 required a 1:500 and a 1:20000 dilution due to a high concentration of Naphthalene based on the screening process. These are the only dilutions analyzed and reported.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:** **09/07/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Method: 8260

EPA Sample No	Lab Sample ID
NPPD266	250746201
NPPD37	250746202
NPPD247	250746203
NPPD247DL1	250746203DL1
NPPD267	250746204
NPPD248	250746205
NPPD248DL1	250746205DL1
NPPD249	250746206
NPPD250	250746207
NPPD252	250746208
NPPD253	250746209
NPPD254	250746210
NPPD264	250746211
NPPD261	250746212
NPPD260	250746213
NPPD271	250746214
NPPD269	250746215
NPPD270	250746216
NPPD268	250746217
NPPD183	250746218

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD266

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746201 Lab File ID: 46201M.D

Sample wt/vol: 1.71 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1523

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	585	U
74-87-3	Chloromethane	585	U
75-01-4	Vinyl chloride	585	U
74-83-9	Bromomethane	585	U
75-00-3	Chloroethane	1460	U
75-69-4	Trichlorofluoromethane	585	U
75-35-4	1,1-Dichloroethene	585	U
107-02-8	Acrolein	7310	U
74-88-4	Methyl iodide	585	U
75-15-0	Carbon disulfide	585	U
75-09-2	Methylene chloride	1460	U
156-60-5	trans-1,2-Dichloroethene	585	U
107-13-1	Acrylonitrile	1460	U
75-34-3	1,1-Dichloroethane	585	U
67-64-1	Acetone	19500	
594-20-7	2,2-Dichloropropane	585	U
156-59-2	cis-1,2-Dichloroethene	585	U
74-97-5	Bromochloromethane	585	U
78-93-3	2-Butanone	2920	U
67-66-3	Chloroform	585	U
71-55-6	1,1,1-Trichloroethane	585	U
56-23-5	Carbon tetrachloride	585	U
563-58-6	1,1-Dichloropropene	585	U
71-43-2	Benzene	585	U
107-06-2	1,2-Dichloroethane	585	U
79-01-6	Trichloroethene	585	U
108-05-4	Vinyl acetate	1170	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD266

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746201 Lab File ID: 46201M.D

Sample wt/vol: 1.71 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1523

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	585	U
74-95-3	Dibromomethane	585	U
75-27-4	Bromodichloromethane	585	U
10061-01-5	cis-1,3-Dichloropropene	585	U
108-10-1	4-Methyl-2-pentanone	1170	U
108-88-3	Toluene	585	U
10061-02-6	trans-1,3-Dichloropropene	585	U
79-00-5	1,1,2-Trichloroethane	585	U
127-18-4	Tetrachloroethene	1460	U
142-28-9	1,3-Dichloropropane	585	U
591-78-6	2-Hexanone	1170	U
124-48-1	Dibromochloromethane	585	U
106-93-4	1,2-Dibromoethane(EDB)	585	U
108-90-7	Chlorobenzene	585	U
630-20-6	1,1,1,2-Tetrachloroethane	585	U
100-41-4	Ethylbenzene	585	U
511-39-00	p,m-Xylene	1170	U
95-47-6	o-Xylene	585	U
100-42-5	Styrene	585	U
75-25-2	Bromoform	1460	U
98-82-8	Isopropylbenzene (Cumene)	585	U
108-86-1	Bromobenzene	585	U
79-34-5	1,1,2,2-Tetrachloroethane	585	U
96-18-4	1,2,3-Trichloropropane	585	U
103-65-1	n-Propylbenzene	585	U
95-49-8	2-Chlorotoluene	585	U
106-43-4	4-Chlorotoluene	585	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD266

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746201 Lab File ID: 46201M.D

Sample wt/vol: 1.71 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1523

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	585	U
98-06-6	tert-Butylbenzene	585	U
95-63-6	1,2,4-Trimethylbenzene	585	U
135-98-8	sec-Butylbenzene	585	U
541-73-1	1,3-Dichlorobenzene	585	U
106-46-7	1,4-Dichlorobenzene	585	U
99-87-6	4-Isopropyltoluene	585	U
104-51-8	n-Butylbenzene	585	U
95-50-1	1,2-Dichlorobenzene	585	U
96-12-8	1,2-Dibromo-3-chloropropane	2920	U
120-82-1	1,2,4-Trichlorobenzene	585	U
87-68-3	Hexachlorobutadiene	877	U
91-20-3	Naphthalene	585	U
87-61-6	1,2,3-Trichlorobenzene	585	U
1634-04-4	MTBE	585	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD37

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746202 Lab File ID: 46202M.D

Sample wt/vol: 1.81 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1547

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	552	U
74-87-3	Chloromethane	552	U
75-01-4	Vinyl chloride	552	U
74-83-9	Bromomethane	552	U
75-00-3	Chloroethane	1380	U
75-69-4	Trichlorofluoromethane	552	U
75-35-4	1,1-Dichloroethene	552	U
107-02-8	Acrolein	6910	U
74-88-4	Methyl iodide	552	U
75-15-0	Carbon disulfide	552	U
75-09-2	Methylene chloride	1380	U
156-60-5	trans-1,2-Dichloroethene	552	U
107-13-1	Acrylonitrile	1380	U
75-34-3	1,1-Dichloroethane	552	U
67-64-1	Acetone	3990	
594-20-7	2,2-Dichloropropane	552	U
156-59-2	cis-1,2-Dichloroethene	552	U
74-97-5	Bromochloromethane	552	U
78-93-3	2-Butanone	2760	U
67-66-3	Chloroform	552	U
71-55-6	1,1,1-Trichloroethane	552	U
56-23-5	Carbon tetrachloride	552	U
563-58-6	1,1-Dichloropropene	552	U
71-43-2	Benzene	552	U
107-06-2	1,2-Dichloroethane	552	U
79-01-6	Trichloroethene	552	U
108-05-4	Vinyl acetate	1100	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD37

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746202 Lab File ID: 46202M.D

Sample wt/vol: 1.81 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1547

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	552	U
74-95-3	Dibromomethane	552	U
75-27-4	Bromodichloromethane	552	U
10061-01-5	cis-1,3-Dichloropropene	552	U
108-10-1	4-Methyl-2-pentanone	1100	U
108-88-3	Toluene	552	U
10061-02-6	trans-1,3-Dichloropropene	552	U
79-00-5	1,1,2-Trichloroethane	552	U
127-18-4	Tetrachloroethene	1380	U
142-28-9	1,3-Dichloropropane	552	U
591-78-6	2-Hexanone	1100	U
124-48-1	Dibromochloromethane	552	U
106-93-4	1,2-Dibromoethane(EDB)	552	U
108-90-7	Chlorobenzene	552	U
630-20-6	1,1,1,2-Tetrachloroethane	552	U
100-41-4	Ethylbenzene	552	U
511-39-00	p,m-Xylene	1100	U
95-47-6	o-Xylene	552	U
100-42-5	Styrene	552	U
75-25-2	Bromoform	1380	U
98-82-8	Isopropylbenzene (Cumene)	552	U
108-86-1	Bromobenzene	552	U
79-34-5	1,1,2,2-Tetrachloroethane	552	U
96-18-4	1,2,3-Trichloropropane	552	U
103-65-1	n-Propylbenzene	552	U
95-49-8	2-Chlorotoluene	552	U
106-43-4	4-Chlorotoluene	552	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD37

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746202 Lab File ID: 46202M.D

Sample wt/vol: 1.81 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1547

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	552	U
98-06-6	tert-Butylbenzene	552	U
95-63-6	1,2,4-Trimethylbenzene	552	U
135-98-8	sec-Butylbenzene	552	U
541-73-1	1,3-Dichlorobenzene	552	U
106-46-7	1,4-Dichlorobenzene	552	U
99-87-6	4-Isopropyltoluene	552	U
104-51-8	n-Butylbenzene	552	U
95-50-1	1,2-Dichlorobenzene	552	U
96-12-8	1,2-Dibromo-3-chloropropane	2760	U
120-82-1	1,2,4-Trichlorobenzene	552	U
87-68-3	Hexachlorobutadiene	829	U
91-20-3	Naphthalene	552	U
87-61-6	1,2,3-Trichlorobenzene	552	U
1634-04-4	MTBE	552	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD247

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203 Lab File ID: 46203M.D

Sample wt/vol: 0.93 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0246

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1080	U
74-87-3	Chloromethane	1080	U
75-01-4	Vinyl chloride	1080	U
74-83-9	Bromomethane	1080	U
75-00-3	Chloroethane	2690	U
75-69-4	Trichlorofluoromethane	1080	U
75-35-4	1,1-Dichloroethene	1080	U
107-02-8	Acrolein	13400	U
74-88-4	Methyl iodide	1080	U
75-15-0	Carbon disulfide	1080	U
75-09-2	Methylene chloride	2690	U
156-60-5	trans-1,2-Dichloroethene	1080	U
107-13-1	Acrylonitrile	2690	U
75-34-3	1,1-Dichloroethane	1080	U
67-64-1	Acetone	5380	U
594-20-7	2,2-Dichloropropane	1080	U
156-59-2	cis-1,2-Dichloroethene	1080	U
74-97-5	Bromochloromethane	1080	U
78-93-3	2-Butanone	5380	U
67-66-3	Chloroform	1080	U
71-55-6	1,1,1-Trichloroethane	1080	U
56-23-5	Carbon tetrachloride	1080	U
563-58-6	1,1-Dichloropropene	1080	U
71-43-2	Benzene	1410	
107-06-2	1,2-Dichloroethane	1080	U
79-01-6	Trichloroethene	1080	U
108-05-4	Vinyl acetate	2150	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD247

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203 Lab File ID: 46203M.D

Sample wt/vol: 0.93 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0246

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1080	U
74-95-3	Dibromomethane	1080	U
75-27-4	Bromodichloromethane	1080	U
10061-01-5	cis-1,3-Dichloropropene	1080	U
108-10-1	4-Methyl-2-pentanone	2150	U
108-88-3	Toluene	2490	
10061-02-6	trans-1,3-Dichloropropene	1080	U
79-00-5	1,1,2-Trichloroethane	1080	U
127-18-4	Tetrachloroethene	2690	U
142-28-9	1,3-Dichloropropane	1080	U
591-78-6	2-Hexanone	2150	U
124-48-1	Dibromochloromethane	1080	U
106-93-4	1,2-Dibromoethane(EDB)	1080	U
108-90-7	Chlorobenzene	1080	U
630-20-6	1,1,1,2-Tetrachloroethane	1080	U
100-41-4	Ethylbenzene	933	J
511-39-00	p,m-Xylene	4060	
95-47-6	o-Xylene	1460	
100-42-5	Styrene	1080	U
75-25-2	Bromoform	2690	U
98-82-8	Isopropylbenzene (Cumene)	1080	U
108-86-1	Bromobenzene	1080	U
79-34-5	1,1,2,2-Tetrachloroethane	1080	U
96-18-4	1,2,3-Trichloropropane	1080	U
103-65-1	n-Propylbenzene	230	J
95-49-8	2-Chlorotoluene	1080	U
106-43-4	4-Chlorotoluene	1080	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD247

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203 Lab File ID: 46203M.D

Sample wt/vol: 0.93 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0246

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	599	J
98-06-6	tert-Butylbenzene	1080	U
95-63-6	1,2,4-Trimethylbenzene	1830	
135-98-8	sec-Butylbenzene	1080	U
541-73-1	1,3-Dichlorobenzene	1080	U
106-46-7	1,4-Dichlorobenzene	1080	U
99-87-6	4-Isopropyltoluene	1080	U
104-51-8	n-Butylbenzene	4500	
95-50-1	1,2-Dichlorobenzene	1080	U
96-12-8	1,2-Dibromo-3-chloropropane	5380	U
120-82-1	1,2,4-Trichlorobenzene	1080	U
87-68-3	Hexachlorobutadiene	1610	U
91-20-3	Naphthalene	84100	E
87-61-6	1,2,3-Trichlorobenzene	1080	U
1634-04-4	MTBE	1080	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD247DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203DL1 Lab File ID: 46203MD.D

Sample wt/vol: 0.93 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1106

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	10800	U
74-87-3	Chloromethane	10800	U
75-01-4	Vinyl chloride	10800	U
74-83-9	Bromomethane	10800	U
75-00-3	Chloroethane	26900	U
75-69-4	Trichlorofluoromethane	10800	U
75-35-4	1,1-Dichloroethene	10800	U
107-02-8	Acrolein	134000	U
74-88-4	Methyl iodide	10800	U
75-15-0	Carbon disulfide	10800	U
75-09-2	Methylene chloride	26900	U
156-60-5	trans-1,2-Dichloroethene	10800	U
107-13-1	Acrylonitrile	26900	U
75-34-3	1,1-Dichloroethane	10800	U
67-64-1	Acetone	53800	U
594-20-7	2,2-Dichloropropane	10800	U
156-59-2	cis-1,2-Dichloroethene	10800	U
74-97-5	Bromochloromethane	10800	U
78-93-3	2-Butanone	53800	U
67-66-3	Chloroform	10800	U
71-55-6	1,1,1-Trichloroethane	10800	U
56-23-5	Carbon tetrachloride	10800	U
563-58-6	1,1-Dichloropropene	10800	U
71-43-2	Benzene	10800	U
107-06-2	1,2-Dichloroethane	10800	U
79-01-6	Trichloroethene	10800	U
108-05-4	Vinyl acetate	21500	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD247DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203DL1 Lab File ID: 46203MD.D

Sample wt/vol: 0.93 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1106

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	10800	U
74-95-3	Dibromomethane	10800	U
75-27-4	Bromodichloromethane	10800	U
10061-01-5	cis-1,3-Dichloropropene	10800	U
108-10-1	4-Methyl-2-pentanone	21500	U
108-88-3	Toluene	3860	J
10061-02-6	trans-1,3-Dichloropropene	10800	U
79-00-5	1,1,2-Trichloroethane	10800	U
127-18-4	Tetrachloroethene	26900	U
142-28-9	1,3-Dichloropropane	10800	U
591-78-6	2-Hexanone	21500	U
124-48-1	Dibromochloromethane	10800	U
106-93-4	1,2-Dibromoethane(EDB)	10800	U
108-90-7	Chlorobenzene	10800	U
630-20-6	1,1,1,2-Tetrachloroethane	10800	U
100-41-4	Ethylbenzene	10800	U
511-39-00	p,m-Xylene	21500	U
95-47-6	o-Xylene	10800	U
100-42-5	Styrene	10800	U
75-25-2	Bromoform	26900	U
98-82-8	Isopropylbenzene (Cumene)	10800	U
108-86-1	Bromobenzene	10800	U
79-34-5	1,1,2,2-Tetrachloroethane	10800	U
96-18-4	1,2,3-Trichloropropane	10800	U
103-65-1	n-Propylbenzene	10800	U
95-49-8	2-Chlorotoluene	10800	U
106-43-4	4-Chlorotoluene	10800	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD247DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203DL1 Lab File ID: 46203MD.D

Sample wt/vol: 0.93 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1106

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	10800	U
98-06-6	tert-Butylbenzene	10800	U
95-63-6	1,2,4-Trimethylbenzene	10800	U
135-98-8	sec-Butylbenzene	10800	U
541-73-1	1,3-Dichlorobenzene	10800	U
106-46-7	1,4-Dichlorobenzene	10800	U
99-87-6	4-Isopropyltoluene	10800	U
104-51-8	n-Butylbenzene	5310	J
95-50-1	1,2-Dichlorobenzene	10800	U
96-12-8	1,2-Dibromo-3-chloropropane	53800	U
120-82-1	1,2,4-Trichlorobenzene	10800	U
87-68-3	Hexachlorobutadiene	16100	U
91-20-3	Naphthalene	163000	
87-61-6	1,2,3-Trichlorobenzene	10800	U
1634-04-4	MTBE	10800	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD267

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746204 Lab File ID: 46204M.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2006

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	806	U
74-87-3	Chloromethane	806	U
75-01-4	Vinyl chloride	806	U
74-83-9	Bromomethane	806	U
75-00-3	Chloroethane	2020	U
75-69-4	Trichlorofluoromethane	806	U
75-35-4	1,1-Dichloroethene	806	U
107-02-8	Acrolein	10100	U
74-88-4	Methyl iodide	806	U
75-15-0	Carbon disulfide	806	U
75-09-2	Methylene chloride	2020	U
156-60-5	trans-1,2-Dichloroethene	806	U
107-13-1	Acrylonitrile	2020	U
75-34-3	1,1-Dichloroethane	806	U
67-64-1	Acetone	4030	U
594-20-7	2,2-Dichloropropane	806	U
156-59-2	cis-1,2-Dichloroethene	806	U
74-97-5	Bromochloromethane	806	U
78-93-3	2-Butanone	1920	J
67-66-3	Chloroform	806	U
71-55-6	1,1,1-Trichloroethane	806	U
56-23-5	Carbon tetrachloride	806	U
563-58-6	1,1-Dichloropropene	806	U
71-43-2	Benzene	313	J
107-06-2	1,2-Dichloroethane	806	U
79-01-6	Trichloroethene	806	U
108-05-4	Vinyl acetate	1610	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD267

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746204 Lab File ID: 46204M.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2006

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	806	U
74-95-3	Dibromomethane	806	U
75-27-4	Bromodichloromethane	806	U
10061-01-5	cis-1,3-Dichloropropene	806	U
108-10-1	4-Methyl-2-pentanone	874	J
108-88-3	Toluene	868	
10061-02-6	trans-1,3-Dichloropropene	806	U
79-00-5	1,1,2-Trichloroethane	806	U
127-18-4	Tetrachloroethene	2020	U
142-28-9	1,3-Dichloropropane	806	U
591-78-6	2-Hexanone	1610	U
124-48-1	Dibromochloromethane	806	U
106-93-4	1,2-Dibromoethane(EDB)	806	U
108-90-7	Chlorobenzene	806	U
630-20-6	1,1,1,2-Tetrachloroethane	806	U
100-41-4	Ethylbenzene	438	J
511-39-00	p,m-Xylene	810	J
95-47-6	o-Xylene	576	J
100-42-5	Styrene	806	U
75-25-2	Bromoform	2020	U
98-82-8	Isopropylbenzene (Cumene)	806	U
108-86-1	Bromobenzene	806	U
79-34-5	1,1,2,2-Tetrachloroethane	806	U
96-18-4	1,2,3-Trichloropropane	806	U
103-65-1	n-Propylbenzene	213	J
95-49-8	2-Chlorotoluene	806	U
106-43-4	4-Chlorotoluene	806	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD267

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746204 Lab File ID: 46204M.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2006

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	806	U
98-06-6	tert-Butylbenzene	806	U
95-63-6	1,2,4-Trimethylbenzene	915	
135-98-8	sec-Butylbenzene	806	U
541-73-1	1,3-Dichlorobenzene	806	U
106-46-7	1,4-Dichlorobenzene	806	U
99-87-6	4-Isopropyltoluene	394	J
104-51-8	n-Butylbenzene	332	J
95-50-1	1,2-Dichlorobenzene	226	J
96-12-8	1,2-Dibromo-3-chloropropane	4030	U
120-82-1	1,2,4-Trichlorobenzene	369	J
87-68-3	Hexachlorobutadiene	1210	U
91-20-3	Naphthalene	2000	
87-61-6	1,2,3-Trichlorobenzene	806	U
1634-04-4	MTBE	806	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD248

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205 Lab File ID: 46205M.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0310

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	8200	U
74-87-3	Chloromethane	8200	U
75-01-4	Vinyl chloride	8200	U
74-83-9	Bromomethane	8200	U
75-00-3	Chloroethane	20500	U
75-69-4	Trichlorofluoromethane	8200	U
75-35-4	1,1-Dichloroethene	8200	U
107-02-8	Acrolein	102000	U
74-88-4	Methyl iodide	8200	U
75-15-0	Carbon disulfide	8200	U
75-09-2	Methylene chloride	20500	U
156-60-5	trans-1,2-Dichloroethene	8200	U
107-13-1	Acrylonitrile	20500	U
75-34-3	1,1-Dichloroethane	8200	U
67-64-1	Acetone	41000	U
594-20-7	2,2-Dichloropropane	8200	U
156-59-2	cis-1,2-Dichloroethene	8200	U
74-97-5	Bromochloromethane	8200	U
78-93-3	2-Butanone	41000	U
67-66-3	Chloroform	8200	U
71-55-6	1,1,1-Trichloroethane	8200	U
56-23-5	Carbon tetrachloride	8200	U
563-58-6	1,1-Dichloropropene	8200	U
71-43-2	Benzene	70100	
107-06-2	1,2-Dichloroethane	8200	U
79-01-6	Trichloroethene	8200	U
108-05-4	Vinyl acetate	16400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD248

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205 Lab File ID: 46205M.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0310

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	8200	U
74-95-3	Dibromomethane	8200	U
75-27-4	Bromodichloromethane	8200	U
10061-01-5	cis-1,3-Dichloropropene	8200	U
108-10-1	4-Methyl-2-pentanone	16400	U
108-88-3	Toluene	66900	
10061-02-6	trans-1,3-Dichloropropene	8200	U
79-00-5	1,1,2-Trichloroethane	8200	U
127-18-4	Tetrachloroethene	20500	U
142-28-9	1,3-Dichloropropane	8200	U
591-78-6	2-Hexanone	16400	U
124-48-1	Dibromochloromethane	8200	U
106-93-4	1,2-Dibromoethane(EDB)	8200	U
108-90-7	Chlorobenzene	8200	U
630-20-6	1,1,1,2-Tetrachloroethane	8200	U
100-41-4	Ethylbenzene	121000	
511-39-00	p,m-Xylene	579000	
95-47-6	o-Xylene	238000	
100-42-5	Styrene	8200	U
75-25-2	Bromoform	20500	U
98-82-8	Isopropylbenzene (Cumene)	9640	
108-86-1	Bromobenzene	8200	U
79-34-5	1,1,2,2-Tetrachloroethane	8200	U
96-18-4	1,2,3-Trichloropropane	8200	U
103-65-1	n-Propylbenzene	17500	
95-49-8	2-Chlorotoluene	8200	U
106-43-4	4-Chlorotoluene	8200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD248

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205 Lab File ID: 46205M.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0310

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	42100	
98-06-6	tert-Butylbenzene	8200	U
95-63-6	1,2,4-Trimethylbenzene	108000	
135-98-8	sec-Butylbenzene	15600	
541-73-1	1,3-Dichlorobenzene	8200	U
106-46-7	1,4-Dichlorobenzene	8200	U
99-87-6	4-Isopropyltoluene	15600	
104-51-8	n-Butylbenzene	23500	
95-50-1	1,2-Dichlorobenzene	8200	U
96-12-8	1,2-Dibromo-3-chloropropane	41000	U
120-82-1	1,2,4-Trichlorobenzene	8200	U
87-68-3	Hexachlorobutadiene	12300	U
91-20-3	Naphthalene	2120000	E
87-61-6	1,2,3-Trichlorobenzene	8200	U
1634-04-4	MTBE	8200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD248DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205DL1 Lab File ID: 46205MD.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1130

PercentSolids: 100 decanted : (Dilution Factor: 20000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	328000	U
74-87-3	Chloromethane	328000	U
75-01-4	Vinyl chloride	328000	U
74-83-9	Bromomethane	328000	U
75-00-3	Chloroethane	820000	U
75-69-4	Trichlorofluoromethane	328000	U
75-35-4	1,1-Dichloroethene	328000	U
107-02-8	Acrolein	4100000	U
74-88-4	Methyl iodide	328000	U
75-15-0	Carbon disulfide	328000	U
75-09-2	Methylene chloride	820000	U
156-60-5	trans-1,2-Dichloroethene	328000	U
107-13-1	Acrylonitrile	820000	U
75-34-3	1,1-Dichloroethane	328000	U
67-64-1	Acetone	1640000	U
594-20-7	2,2-Dichloropropane	328000	U
156-59-2	cis-1,2-Dichloroethene	328000	U
74-97-5	Bromochloromethane	328000	U
78-93-3	2-Butanone	1640000	U
67-66-3	Chloroform	328000	U
71-55-6	1,1,1-Trichloroethane	328000	U
56-23-5	Carbon tetrachloride	328000	U
563-58-6	1,1-Dichloropropene	328000	U
71-43-2	Benzene	328000	U
107-06-2	1,2-Dichloroethane	328000	U
79-01-6	Trichloroethene	328000	U
108-05-4	Vinyl acetate	656000	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD248DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205DL1 Lab File ID: 46205MD.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1130

PercentSolids: 100 decanted : (Dilution Factor: 20000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	328000	U
74-95-3	Dibromomethane	328000	U
75-27-4	Bromodichloromethane	328000	U
10061-01-5	cis-1,3-Dichloropropene	328000	U
108-10-1	4-Methyl-2-pentanone	656000	U
108-88-3	Toluene	328000	U
10061-02-6	trans-1,3-Dichloropropene	328000	U
79-00-5	1,1,2-Trichloroethane	328000	U
127-18-4	Tetrachloroethene	820000	U
142-28-9	1,3-Dichloropropane	328000	U
591-78-6	2-Hexanone	656000	U
124-48-1	Dibromochloromethane	328000	U
106-93-4	1,2-Dibromoethane(EDB)	328000	U
108-90-7	Chlorobenzene	328000	U
630-20-6	1,1,1,2-Tetrachloroethane	328000	U
100-41-4	Ethylbenzene	328000	U
511-39-00	p,m-Xylene	656000	U
95-47-6	o-Xylene	328000	U
100-42-5	Styrene	328000	U
75-25-2	Bromoform	820000	U
98-82-8	Isopropylbenzene (Cumene)	328000	U
108-86-1	Bromobenzene	328000	U
79-34-5	1,1,2,2-Tetrachloroethane	328000	U
96-18-4	1,2,3-Trichloropropane	328000	U
103-65-1	n-Propylbenzene	328000	U
95-49-8	2-Chlorotoluene	328000	U
106-43-4	4-Chlorotoluene	328000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD248DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205DL1 Lab File ID: 46205MD.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1130

PercentSolids: 100 decanted : (Dilution Factor: 20000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	328000	U
98-06-6	tert-Butylbenzene	328000	U
95-63-6	1,2,4-Trimethylbenzene	328000	U
135-98-8	sec-Butylbenzene	328000	U
541-73-1	1,3-Dichlorobenzene	328000	U
106-46-7	1,4-Dichlorobenzene	328000	U
99-87-6	4-Isopropyltoluene	328000	U
104-51-8	n-Butylbenzene	328000	U
95-50-1	1,2-Dichlorobenzene	328000	U
96-12-8	1,2-Dibromo-3-chloropropane	1640000	U
120-82-1	1,2,4-Trichlorobenzene	328000	U
87-68-3	Hexachlorobutadiene	492000	U
91-20-3	Naphthalene	1230000	
87-61-6	1,2,3-Trichlorobenzene	328000	U
1634-04-4	MTBE	328000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD249

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746206 Lab File ID: 46206M.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2029

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	952	U
74-87-3	Chloromethane	952	U
75-01-4	Vinyl chloride	952	U
74-83-9	Bromomethane	952	U
75-00-3	Chloroethane	2380	U
75-69-4	Trichlorofluoromethane	952	U
75-35-4	1,1-Dichloroethene	952	U
107-02-8	Acrolein	11900	U
74-88-4	Methyl iodide	952	U
75-15-0	Carbon disulfide	952	U
75-09-2	Methylene chloride	2380	U
156-60-5	trans-1,2-Dichloroethene	952	U
107-13-1	Acrylonitrile	2380	U
75-34-3	1,1-Dichloroethane	952	U
67-64-1	Acetone	4760	U
594-20-7	2,2-Dichloropropane	952	U
156-59-2	cis-1,2-Dichloroethene	952	U
74-97-5	Bromochloromethane	952	U
78-93-3	2-Butanone	1870	J
67-66-3	Chloroform	952	U
71-55-6	1,1,1-Trichloroethane	952	U
56-23-5	Carbon tetrachloride	952	U
563-58-6	1,1-Dichloropropene	952	U
71-43-2	Benzene	952	U
107-06-2	1,2-Dichloroethane	952	U
79-01-6	Trichloroethene	952	U
108-05-4	Vinyl acetate	1900	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD249

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746206 Lab File ID: 46206M.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2029

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	952	U
74-95-3	Dibromomethane	952	U
75-27-4	Bromodichloromethane	952	U
10061-01-5	cis-1,3-Dichloropropene	952	U
108-10-1	4-Methyl-2-pentanone	1900	U
108-88-3	Toluene	1950	
10061-02-6	trans-1,3-Dichloropropene	952	U
79-00-5	1,1,2-Trichloroethane	952	U
127-18-4	Tetrachloroethene	2380	U
142-28-9	1,3-Dichloropropane	952	U
591-78-6	2-Hexanone	1560	J
124-48-1	Dibromochloromethane	952	U
106-93-4	1,2-Dibromoethane(EDB)	952	U
108-90-7	Chlorobenzene	952	U
630-20-6	1,1,1,2-Tetrachloroethane	952	U
100-41-4	Ethylbenzene	461	J
511-39-00	p,m-Xylene	2240	
95-47-6	o-Xylene	782	J
100-42-5	Styrene	952	U
75-25-2	Bromoform	2380	U
98-82-8	Isopropylbenzene (Cumene)	952	U
108-86-1	Bromobenzene	952	U
79-34-5	1,1,2,2-Tetrachloroethane	952	U
96-18-4	1,2,3-Trichloropropane	952	U
103-65-1	n-Propylbenzene	242	J
95-49-8	2-Chlorotoluene	952	U
106-43-4	4-Chlorotoluene	952	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD249

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746206 Lab File ID: 46206M.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2029

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	647	J
98-06-6	tert-Butylbenzene	952	U
95-63-6	1,2,4-Trimethylbenzene	952	U
135-98-8	sec-Butylbenzene	952	U
541-73-1	1,3-Dichlorobenzene	952	U
106-46-7	1,4-Dichlorobenzene	952	U
99-87-6	4-Isopropyltoluene	952	U
104-51-8	n-Butylbenzene	741	J
95-50-1	1,2-Dichlorobenzene	952	U
96-12-8	1,2-Dibromo-3-chloropropane	4760	U
120-82-1	1,2,4-Trichlorobenzene	952	U
87-68-3	Hexachlorobutadiene	1430	U
91-20-3	Naphthalene	5110	
87-61-6	1,2,3-Trichlorobenzene	952	U
1634-04-4	MTBE	952	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD250

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746207 Lab File ID: 46207M.D

Sample wt/vol: 1.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2053

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	645	U
74-87-3	Chloromethane	645	U
75-01-4	Vinyl chloride	645	U
74-83-9	Bromomethane	645	U
75-00-3	Chloroethane	1610	U
75-69-4	Trichlorofluoromethane	645	U
75-35-4	1,1-Dichloroethene	645	U
107-02-8	Acrolein	8060	U
74-88-4	Methyl iodide	645	U
75-15-0	Carbon disulfide	645	U
75-09-2	Methylene chloride	1610	U
156-60-5	trans-1,2-Dichloroethene	645	U
107-13-1	Acrylonitrile	1610	U
75-34-3	1,1-Dichloroethane	645	U
67-64-1	Acetone	3220	U
594-20-7	2,2-Dichloropropane	645	U
156-59-2	cis-1,2-Dichloroethene	645	U
74-97-5	Bromochloromethane	645	U
78-93-3	2-Butanone	3220	U
67-66-3	Chloroform	645	U
71-55-6	1,1,1-Trichloroethane	645	U
56-23-5	Carbon tetrachloride	645	U
563-58-6	1,1-Dichloropropene	645	U
71-43-2	Benzene	9390	
107-06-2	1,2-Dichloroethane	645	U
79-01-6	Trichloroethene	645	U
108-05-4	Vinyl acetate	1290	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD250

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746207 Lab File ID: 46207M.D

Sample wt/vol: 1.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2053

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	645	U
74-95-3	Dibromomethane	645	U
75-27-4	Bromodichloromethane	645	U
10061-01-5	cis-1,3-Dichloropropene	645	U
108-10-1	4-Methyl-2-pentanone	1290	U
108-88-3	Toluene	5200	
10061-02-6	trans-1,3-Dichloropropene	645	U
79-00-5	1,1,2-Trichloroethane	645	U
127-18-4	Tetrachloroethene	1610	U
142-28-9	1,3-Dichloropropane	645	U
591-78-6	2-Hexanone	1290	U
124-48-1	Dibromochloromethane	645	U
106-93-4	1,2-Dibromoethane(EDB)	645	U
108-90-7	Chlorobenzene	645	U
630-20-6	1,1,1,2-Tetrachloroethane	645	U
100-41-4	Ethylbenzene	3420	
511-39-00	p,m-Xylene	15600	
95-47-6	o-Xylene	4190	
100-42-5	Styrene	645	U
75-25-2	Bromoform	1610	U
98-82-8	Isopropylbenzene (Cumene)	645	U
108-86-1	Bromobenzene	645	U
79-34-5	1,1,2,2-Tetrachloroethane	645	U
96-18-4	1,2,3-Trichloropropane	645	U
103-65-1	n-Propylbenzene	301	J
95-49-8	2-Chlorotoluene	645	U
106-43-4	4-Chlorotoluene	645	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD250

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746207 Lab File ID: 46207M.D

Sample wt/vol: 1.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2053

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	643	J
98-06-6	tert-Butylbenzene	645	U
95-63-6	1,2,4-Trimethylbenzene	645	U
135-98-8	sec-Butylbenzene	645	U
541-73-1	1,3-Dichlorobenzene	645	U
106-46-7	1,4-Dichlorobenzene	645	U
99-87-6	4-Isopropyltoluene	645	U
104-51-8	n-Butylbenzene	658	
95-50-1	1,2-Dichlorobenzene	645	U
96-12-8	1,2-Dibromo-3-chloropropane	3220	U
120-82-1	1,2,4-Trichlorobenzene	645	U
87-68-3	Hexachlorobutadiene	968	U
91-20-3	Naphthalene	19300	
87-61-6	1,2,3-Trichlorobenzene	645	U
1634-04-4	MTBE	645	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD252

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746208 Lab File ID: 46208M.D

Sample wt/vol: 2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2116

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	500	U
74-87-3	Chloromethane	500	U
75-01-4	Vinyl chloride	500	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	1250	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	500	U
107-02-8	Acrolein	6250	U
74-88-4	Methyl iodide	500	U
75-15-0	Carbon disulfide	500	U
75-09-2	Methylene chloride	676	J
156-60-5	trans-1,2-Dichloroethene	500	U
107-13-1	Acrylonitrile	1250	U
75-34-3	1,1-Dichloroethane	500	U
67-64-1	Acetone	2500	U
594-20-7	2,2-Dichloropropane	500	U
156-59-2	cis-1,2-Dichloroethene	500	U
74-97-5	Bromochloromethane	500	U
78-93-3	2-Butanone	1800	J
67-66-3	Chloroform	500	U
71-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon tetrachloride	500	U
563-58-6	1,1-Dichloropropene	500	U
71-43-2	Benzene	209	J
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	500	U
108-05-4	Vinyl acetate	1000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD252

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746208 Lab File ID: 46208M.D

Sample wt/vol: 2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2116

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	500	U
74-95-3	Dibromomethane	500	U
75-27-4	Bromodichloromethane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
108-10-1	4-Methyl-2-pentanone	1660	
108-88-3	Toluene	326	J
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	1250	U
142-28-9	1,3-Dichloropropane	500	U
591-78-6	2-Hexanone	1000	U
124-48-1	Dibromochloromethane	500	U
106-93-4	1,2-Dibromoethane(EDB)	500	U
108-90-7	Chlorobenzene	500	U
630-20-6	1,1,1,2-Tetrachloroethane	500	U
100-41-4	Ethylbenzene	166	J
511-39-00	p,m-Xylene	1000	U
95-47-6	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	1250	U
98-82-8	Isopropylbenzene (Cumene)	500	U
108-86-1	Bromobenzene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U
96-18-4	1,2,3-Trichloropropane	500	U
103-65-1	n-Propylbenzene	500	U
95-49-8	2-Chlorotoluene	500	U
106-43-4	4-Chlorotoluene	500	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD252

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746208 Lab File ID: 46208M.D

Sample wt/vol: 2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2116

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	500	U
98-06-6	tert-Butylbenzene	500	U
95-63-6	1,2,4-Trimethylbenzene	500	U
135-98-8	sec-Butylbenzene	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
99-87-6	4-Isopropyltoluene	220	J
104-51-8	n-Butylbenzene	500	U
95-50-1	1,2-Dichlorobenzene	563	
96-12-8	1,2-Dibromo-3-chloropropane	2500	U
120-82-1	1,2,4-Trichlorobenzene	500	U
87-68-3	Hexachlorobutadiene	750	U
91-20-3	Naphthalene	1670	
87-61-6	1,2,3-Trichlorobenzene	500	U
1634-04-4	MTBE	500	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD253

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746209 Lab File ID: 46209M.D

Sample wt/vol: 1.8 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1942

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	556	U
74-87-3	Chloromethane	556	U
75-01-4	Vinyl chloride	556	U
74-83-9	Bromomethane	556	U
75-00-3	Chloroethane	1390	U
75-69-4	Trichlorofluoromethane	556	U
75-35-4	1,1-Dichloroethene	556	U
107-02-8	Acrolein	6940	U
74-88-4	Methyl iodide	556	U
75-15-0	Carbon disulfide	556	U
75-09-2	Methylene chloride	1390	U
156-60-5	trans-1,2-Dichloroethene	556	U
107-13-1	Acrylonitrile	1390	U
75-34-3	1,1-Dichloroethane	556	U
67-64-1	Acetone	3310	
594-20-7	2,2-Dichloropropane	556	U
156-59-2	cis-1,2-Dichloroethene	556	U
74-97-5	Bromochloromethane	556	U
78-93-3	2-Butanone	2780	U
67-66-3	Chloroform	556	U
71-55-6	1,1,1-Trichloroethane	556	U
56-23-5	Carbon tetrachloride	556	U
563-58-6	1,1-Dichloropropene	556	U
71-43-2	Benzene	556	U
107-06-2	1,2-Dichloroethane	556	U
79-01-6	Trichloroethene	556	U
108-05-4	Vinyl acetate	1110	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD253

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746209 Lab File ID: 46209M.D

Sample wt/vol: 1.8 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1942

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	556	U
74-95-3	Dibromomethane	556	U
75-27-4	Bromodichloromethane	556	U
10061-01-5	cis-1,3-Dichloropropene	556	U
108-10-1	4-Methyl-2-pentanone	1110	U
108-88-3	Toluene	556	U
10061-02-6	trans-1,3-Dichloropropene	556	U
79-00-5	1,1,2-Trichloroethane	556	U
127-18-4	Tetrachloroethene	1390	U
142-28-9	1,3-Dichloropropane	556	U
591-78-6	2-Hexanone	1110	U
124-48-1	Dibromochloromethane	556	U
106-93-4	1,2-Dibromoethane(EDB)	556	U
108-90-7	Chlorobenzene	556	U
630-20-6	1,1,1,2-Tetrachloroethane	556	U
100-41-4	Ethylbenzene	556	U
511-39-00	p,m-Xylene	1110	U
95-47-6	o-Xylene	556	U
100-42-5	Styrene	556	U
75-25-2	Bromoform	1390	U
98-82-8	Isopropylbenzene (Cumene)	556	U
108-86-1	Bromobenzene	556	U
79-34-5	1,1,2,2-Tetrachloroethane	556	U
96-18-4	1,2,3-Trichloropropane	556	U
103-65-1	n-Propylbenzene	556	U
95-49-8	2-Chlorotoluene	556	U
106-43-4	4-Chlorotoluene	556	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD253

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746209 Lab File ID: 46209M.D

Sample wt/vol: 1.8 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1942

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	556	U
98-06-6	tert-Butylbenzene	556	U
95-63-6	1,2,4-Trimethylbenzene	556	U
135-98-8	sec-Butylbenzene	556	U
541-73-1	1,3-Dichlorobenzene	556	U
106-46-7	1,4-Dichlorobenzene	556	U
99-87-6	4-Isopropyltoluene	556	U
104-51-8	n-Butylbenzene	556	U
95-50-1	1,2-Dichlorobenzene	556	U
96-12-8	1,2-Dibromo-3-chloropropane	2780	U
120-82-1	1,2,4-Trichlorobenzene	556	U
87-68-3	Hexachlorobutadiene	833	U
91-20-3	Naphthalene	556	U
87-61-6	1,2,3-Trichlorobenzene	556	U
1634-04-4	MTBE	556	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD254

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746210 Lab File ID: 46210M.D

Sample wt/vol: 1.87 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2140

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	535	U
74-87-3	Chloromethane	535	U
75-01-4	Vinyl chloride	535	U
74-83-9	Bromomethane	535	U
75-00-3	Chloroethane	1340	U
75-69-4	Trichlorofluoromethane	535	U
75-35-4	1,1-Dichloroethene	535	U
107-02-8	Acrolein	6680	U
74-88-4	Methyl iodide	535	U
75-15-0	Carbon disulfide	535	U
75-09-2	Methylene chloride	584	J
156-60-5	trans-1,2-Dichloroethene	535	U
107-13-1	Acrylonitrile	1340	U
75-34-3	1,1-Dichloroethane	535	U
67-64-1	Acetone	2910	
594-20-7	2,2-Dichloropropane	535	U
156-59-2	cis-1,2-Dichloroethene	535	U
74-97-5	Bromochloromethane	535	U
78-93-3	2-Butanone	1600	J
67-66-3	Chloroform	535	U
71-55-6	1,1,1-Trichloroethane	535	U
56-23-5	Carbon tetrachloride	535	U
563-58-6	1,1-Dichloropropene	535	U
71-43-2	Benzene	161	J
107-06-2	1,2-Dichloroethane	535	U
79-01-6	Trichloroethene	535	U
108-05-4	Vinyl acetate	1070	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD254

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746210 Lab File ID: 46210M.D

Sample wt/vol: 1.87 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2140

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	535	U
74-95-3	Dibromomethane	535	U
75-27-4	Bromodichloromethane	535	U
10061-01-5	cis-1,3-Dichloropropene	535	U
108-10-1	4-Methyl-2-pentanone	1540	
108-88-3	Toluene	208	J
10061-02-6	trans-1,3-Dichloropropene	535	U
79-00-5	1,1,2-Trichloroethane	535	U
127-18-4	Tetrachloroethene	1340	U
142-28-9	1,3-Dichloropropane	535	U
591-78-6	2-Hexanone	1070	U
124-48-1	Dibromochloromethane	535	U
106-93-4	1,2-Dibromoethane(EDB)	535	U
108-90-7	Chlorobenzene	535	U
630-20-6	1,1,1,2-Tetrachloroethane	535	U
100-41-4	Ethylbenzene	535	U
511-39-00	p,m-Xylene	1070	U
95-47-6	o-Xylene	535	U
100-42-5	Styrene	535	U
75-25-2	Bromoform	1340	U
98-82-8	Isopropylbenzene (Cumene)	535	U
108-86-1	Bromobenzene	535	U
79-34-5	1,1,2,2-Tetrachloroethane	535	U
96-18-4	1,2,3-Trichloropropane	535	U
103-65-1	n-Propylbenzene	535	U
95-49-8	2-Chlorotoluene	535	U
106-43-4	4-Chlorotoluene	535	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD254

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746210 Lab File ID: 46210M.D

Sample wt/vol: 1.87 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2140

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	535	U
98-06-6	tert-Butylbenzene	535	U
95-63-6	1,2,4-Trimethylbenzene	535	U
135-98-8	sec-Butylbenzene	535	U
541-73-1	1,3-Dichlorobenzene	535	U
106-46-7	1,4-Dichlorobenzene	535	U
99-87-6	4-Isopropyltoluene	120	J
104-51-8	n-Butylbenzene	535	U
95-50-1	1,2-Dichlorobenzene	441	J
96-12-8	1,2-Dibromo-3-chloropropane	2670	U
120-82-1	1,2,4-Trichlorobenzene	535	U
87-68-3	Hexachlorobutadiene	802	U
91-20-3	Naphthalene	926	
87-61-6	1,2,3-Trichlorobenzene	535	U
1634-04-4	MTBE	535	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD264

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746211 Lab File ID: 46211M.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2203

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	893	U
74-87-3	Chloromethane	893	U
75-01-4	Vinyl chloride	893	U
74-83-9	Bromomethane	893	U
75-00-3	Chloroethane	2230	U
75-69-4	Trichlorofluoromethane	893	U
75-35-4	1,1-Dichloroethene	893	U
107-02-8	Acrolein	11200	U
74-88-4	Methyl iodide	893	U
75-15-0	Carbon disulfide	893	U
75-09-2	Methylene chloride	2230	U
156-60-5	trans-1,2-Dichloroethene	893	U
107-13-1	Acrylonitrile	2230	U
75-34-3	1,1-Dichloroethane	893	U
67-64-1	Acetone	4460	U
594-20-7	2,2-Dichloropropane	893	U
156-59-2	cis-1,2-Dichloroethene	893	U
74-97-5	Bromochloromethane	893	U
78-93-3	2-Butanone	4460	U
67-66-3	Chloroform	893	U
71-55-6	1,1,1-Trichloroethane	893	U
56-23-5	Carbon tetrachloride	893	U
563-58-6	1,1-Dichloropropene	893	U
71-43-2	Benzene	603	J
107-06-2	1,2-Dichloroethane	893	U
79-01-6	Trichloroethene	893	U
108-05-4	Vinyl acetate	1780	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD264

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746211 Lab File ID: 46211M.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2203

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	893	U
74-95-3	Dibromomethane	893	U
75-27-4	Bromodichloromethane	584	J
10061-01-5	cis-1,3-Dichloropropene	893	U
108-10-1	4-Methyl-2-pentanone	1530	J
108-88-3	Toluene	1940	
10061-02-6	trans-1,3-Dichloropropene	893	U
79-00-5	1,1,2-Trichloroethane	893	U
127-18-4	Tetrachloroethene	2230	U
142-28-9	1,3-Dichloropropane	893	U
591-78-6	2-Hexanone	1780	U
124-48-1	Dibromochloromethane	893	U
106-93-4	1,2-Dibromoethane(EDB)	893	U
108-90-7	Chlorobenzene	893	U
630-20-6	1,1,1,2-Tetrachloroethane	893	U
100-41-4	Ethylbenzene	922	
511-39-00	p,m-Xylene	1820	
95-47-6	o-Xylene	1230	
100-42-5	Styrene	893	U
75-25-2	Bromoform	2230	U
98-82-8	Isopropylbenzene (Cumene)	893	U
108-86-1	Bromobenzene	893	U
79-34-5	1,1,2,2-Tetrachloroethane	893	U
96-18-4	1,2,3-Trichloropropane	893	U
103-65-1	n-Propylbenzene	470	J
95-49-8	2-Chlorotoluene	893	U
106-43-4	4-Chlorotoluene	893	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD264

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746211 Lab File ID: 46211M.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2203

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	418	J
98-06-6	tert-Butylbenzene	893	U
95-63-6	1,2,4-Trimethylbenzene	1920	
135-98-8	sec-Butylbenzene	1740	
541-73-1	1,3-Dichlorobenzene	893	U
106-46-7	1,4-Dichlorobenzene	893	U
99-87-6	4-Isopropyltoluene	947	
104-51-8	n-Butylbenzene	728	J
95-50-1	1,2-Dichlorobenzene	364	J
96-12-8	1,2-Dibromo-3-chloropropane	4460	U
120-82-1	1,2,4-Trichlorobenzene	488	J
87-68-3	Hexachlorobutadiene	1340	U
91-20-3	Naphthalene	2660	
87-61-6	1,2,3-Trichlorobenzene	893	U
1634-04-4	MTBE	893	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD261

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746212 Lab File ID: 46212M.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2227

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1020	U
74-87-3	Chloromethane	1020	U
75-01-4	Vinyl chloride	1020	U
74-83-9	Bromomethane	1020	U
75-00-3	Chloroethane	2550	U
75-69-4	Trichlorofluoromethane	1020	U
75-35-4	1,1-Dichloroethene	1020	U
107-02-8	Acrolein	12800	U
74-88-4	Methyl iodide	1020	U
75-15-0	Carbon disulfide	1020	U
75-09-2	Methylene chloride	2550	U
156-60-5	trans-1,2-Dichloroethene	1020	U
107-13-1	Acrylonitrile	2550	U
75-34-3	1,1-Dichloroethane	1020	U
67-64-1	Acetone	5100	U
594-20-7	2,2-Dichloropropane	1020	U
156-59-2	cis-1,2-Dichloroethene	1020	U
74-97-5	Bromochloromethane	1020	U
78-93-3	2-Butanone	5100	U
67-66-3	Chloroform	1020	U
71-55-6	1,1,1-Trichloroethane	1020	U
56-23-5	Carbon tetrachloride	1020	U
563-58-6	1,1-Dichloropropene	1020	U
71-43-2	Benzene	1170	
107-06-2	1,2-Dichloroethane	1020	U
79-01-6	Trichloroethene	1020	U
108-05-4	Vinyl acetate	2040	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD261

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746212 Lab File ID: 46212M.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2227

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1020	U
74-95-3	Dibromomethane	1020	U
75-27-4	Bromodichloromethane	1020	U
10061-01-5	cis-1,3-Dichloropropene	1020	U
108-10-1	4-Methyl-2-pentanone	2040	U
108-88-3	Toluene	19100	
10061-02-6	trans-1,3-Dichloropropene	1020	U
79-00-5	1,1,2-Trichloroethane	1020	U
127-18-4	Tetrachloroethene	2550	U
142-28-9	1,3-Dichloropropane	1020	U
591-78-6	2-Hexanone	2040	U
124-48-1	Dibromochloromethane	1020	U
106-93-4	1,2-Dibromoethane(EDB)	1020	U
108-90-7	Chlorobenzene	1020	U
630-20-6	1,1,1,2-Tetrachloroethane	1020	U
100-41-4	Ethylbenzene	1090	
511-39-00	p,m-Xylene	3040	
95-47-6	o-Xylene	1550	
100-42-5	Styrene	1020	U
75-25-2	Bromoform	2550	U
98-82-8	Isopropylbenzene (Cumene)	249	J
108-86-1	Bromobenzene	1020	U
79-34-5	1,1,2,2-Tetrachloroethane	1020	U
96-18-4	1,2,3-Trichloropropane	1020	U
103-65-1	n-Propylbenzene	549	J
95-49-8	2-Chlorotoluene	1020	U
106-43-4	4-Chlorotoluene	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD261

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746212 Lab File ID: 46212M.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2227

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1070	
98-06-6	tert-Butylbenzene	564	J
95-63-6	1,2,4-Trimethylbenzene	2960	
135-98-8	sec-Butylbenzene	265	J
541-73-1	1,3-Dichlorobenzene	1020	U
106-46-7	1,4-Dichlorobenzene	1020	U
99-87-6	4-Isopropyltoluene	401	J
104-51-8	n-Butylbenzene	718	J
95-50-1	1,2-Dichlorobenzene	1020	U
96-12-8	1,2-Dibromo-3-chloropropane	5100	U
120-82-1	1,2,4-Trichlorobenzene	1020	U
87-68-3	Hexachlorobutadiene	1530	U
91-20-3	Naphthalene	2080	
87-61-6	1,2,3-Trichlorobenzene	1020	U
1634-04-4	MTBE	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD260

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746213 Lab File ID: 46213M.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2250

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	833	U
74-87-3	Chloromethane	833	U
75-01-4	Vinyl chloride	833	U
74-83-9	Bromomethane	833	U
75-00-3	Chloroethane	2080	U
75-69-4	Trichlorofluoromethane	833	U
75-35-4	1,1-Dichloroethene	833	U
107-02-8	Acrolein	10400	U
74-88-4	Methyl iodide	833	U
75-15-0	Carbon disulfide	833	U
75-09-2	Methylene chloride	2080	U
156-60-5	trans-1,2-Dichloroethene	833	U
107-13-1	Acrylonitrile	2080	U
75-34-3	1,1-Dichloroethane	833	U
67-64-1	Acetone	4170	U
594-20-7	2,2-Dichloropropane	833	U
156-59-2	cis-1,2-Dichloroethene	833	U
74-97-5	Bromochloromethane	833	U
78-93-3	2-Butanone	4170	U
67-66-3	Chloroform	833	U
71-55-6	1,1,1-Trichloroethane	833	U
56-23-5	Carbon tetrachloride	833	U
563-58-6	1,1-Dichloropropene	833	U
71-43-2	Benzene	1070	
107-06-2	1,2-Dichloroethane	770	J
79-01-6	Trichloroethene	833	U
108-05-4	Vinyl acetate	1670	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD260

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746213 Lab File ID: 46213M.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2250

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	833	U
74-95-3	Dibromomethane	833	U
75-27-4	Bromodichloromethane	833	U
10061-01-5	cis-1,3-Dichloropropene	833	U
108-10-1	4-Methyl-2-pentanone	639	J
108-88-3	Toluene	16800	
10061-02-6	trans-1,3-Dichloropropene	833	U
79-00-5	1,1,2-Trichloroethane	833	U
127-18-4	Tetrachloroethene	2080	U
142-28-9	1,3-Dichloropropane	833	U
591-78-6	2-Hexanone	1670	U
124-48-1	Dibromochloromethane	833	U
106-93-4	1,2-Dibromoethane(EDB)	833	U
108-90-7	Chlorobenzene	833	U
630-20-6	1,1,1,2-Tetrachloroethane	833	U
100-41-4	Ethylbenzene	960	
511-39-00	p,m-Xylene	2780	
95-47-6	o-Xylene	1360	
100-42-5	Styrene	833	U
75-25-2	Bromoform	2080	U
98-82-8	Isopropylbenzene (Cumene)	226	J
108-86-1	Bromobenzene	833	U
79-34-5	1,1,2,2-Tetrachloroethane	833	U
96-18-4	1,2,3-Trichloropropane	833	U
103-65-1	n-Propylbenzene	483	J
95-49-8	2-Chlorotoluene	833	U
106-43-4	4-Chlorotoluene	833	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD260

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746213 Lab File ID: 46213M.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2250

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	835	
98-06-6	tert-Butylbenzene	833	U
95-63-6	1,2,4-Trimethylbenzene	2680	
135-98-8	sec-Butylbenzene	228	J
541-73-1	1,3-Dichlorobenzene	833	U
106-46-7	1,4-Dichlorobenzene	833	U
99-87-6	4-Isopropyltoluene	347	J
104-51-8	n-Butylbenzene	631	J
95-50-1	1,2-Dichlorobenzene	833	U
96-12-8	1,2-Dibromo-3-chloropropane	4170	U
120-82-1	1,2,4-Trichlorobenzene	833	U
87-68-3	Hexachlorobutadiene	1250	U
91-20-3	Naphthalene	1830	
87-61-6	1,2,3-Trichlorobenzene	833	U
1634-04-4	MTBE	833	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD271

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746214 Lab File ID: 46214M.D

Sample wt/vol: 1.83 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2314

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	546	U
74-87-3	Chloromethane	546	U
75-01-4	Vinyl chloride	546	U
74-83-9	Bromomethane	546	U
75-00-3	Chloroethane	1370	U
75-69-4	Trichlorofluoromethane	546	U
75-35-4	1,1-Dichloroethene	546	U
107-02-8	Acrolein	6830	U
74-88-4	Methyl iodide	546	U
75-15-0	Carbon disulfide	546	U
75-09-2	Methylene chloride	1370	U
156-60-5	trans-1,2-Dichloroethene	546	U
107-13-1	Acrylonitrile	1370	U
75-34-3	1,1-Dichloroethane	546	U
67-64-1	Acetone	2730	U
594-20-7	2,2-Dichloropropane	546	U
156-59-2	cis-1,2-Dichloroethene	546	U
74-97-5	Bromochloromethane	546	U
78-93-3	2-Butanone	2730	U
67-66-3	Chloroform	546	U
71-55-6	1,1,1-Trichloroethane	546	U
56-23-5	Carbon tetrachloride	546	U
563-58-6	1,1-Dichloropropene	546	U
71-43-2	Benzene	546	U
107-06-2	1,2-Dichloroethane	546	U
79-01-6	Trichloroethene	546	U
108-05-4	Vinyl acetate	1090	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD271

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746214 Lab File ID: 46214M.D

Sample wt/vol: 1.83 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2314

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	546	U
74-95-3	Dibromomethane	546	U
75-27-4	Bromodichloromethane	546	U
10061-01-5	cis-1,3-Dichloropropene	546	U
108-10-1	4-Methyl-2-pentanone	1090	U
108-88-3	Toluene	546	U
10061-02-6	trans-1,3-Dichloropropene	546	U
79-00-5	1,1,2-Trichloroethane	546	U
127-18-4	Tetrachloroethene	1370	U
142-28-9	1,3-Dichloropropane	546	U
591-78-6	2-Hexanone	1090	U
124-48-1	Dibromochloromethane	546	U
106-93-4	1,2-Dibromoethane(EDB)	546	U
108-90-7	Chlorobenzene	546	U
630-20-6	1,1,1,2-Tetrachloroethane	546	U
100-41-4	Ethylbenzene	546	U
511-39-00	p,m-Xylene	1090	U
95-47-6	o-Xylene	546	U
100-42-5	Styrene	546	U
75-25-2	Bromoform	1370	U
98-82-8	Isopropylbenzene (Cumene)	546	U
108-86-1	Bromobenzene	546	U
79-34-5	1,1,2,2-Tetrachloroethane	546	U
96-18-4	1,2,3-Trichloropropane	546	U
103-65-1	n-Propylbenzene	546	U
95-49-8	2-Chlorotoluene	546	U
106-43-4	4-Chlorotoluene	546	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD271

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746214 Lab File ID: 46214M.D

Sample wt/vol: 1.83 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2314

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	546	U
98-06-6	tert-Butylbenzene	546	U
95-63-6	1,2,4-Trimethylbenzene	546	U
135-98-8	sec-Butylbenzene	176	J
541-73-1	1,3-Dichlorobenzene	546	U
106-46-7	1,4-Dichlorobenzene	546	U
99-87-6	4-Isopropyltoluene	546	U
104-51-8	n-Butylbenzene	546	U
95-50-1	1,2-Dichlorobenzene	546	U
96-12-8	1,2-Dibromo-3-chloropropane	2730	U
120-82-1	1,2,4-Trichlorobenzene	546	U
87-68-3	Hexachlorobutadiene	820	U
91-20-3	Naphthalene	930	
87-61-6	1,2,3-Trichlorobenzene	546	U
1634-04-4	MTBE	584	

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD269

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746215 Lab File ID: 46215M.D

Sample wt/vol: 1.38 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2338

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	725	U
74-87-3	Chloromethane	725	U
75-01-4	Vinyl chloride	725	U
74-83-9	Bromomethane	725	U
75-00-3	Chloroethane	1810	U
75-69-4	Trichlorofluoromethane	725	U
75-35-4	1,1-Dichloroethene	725	U
107-02-8	Acrolein	9060	U
74-88-4	Methyl iodide	725	U
75-15-0	Carbon disulfide	725	U
75-09-2	Methylene chloride	1810	U
156-60-5	trans-1,2-Dichloroethene	725	U
107-13-1	Acrylonitrile	1810	U
75-34-3	1,1-Dichloroethane	725	U
67-64-1	Acetone	3620	U
594-20-7	2,2-Dichloropropane	725	U
156-59-2	cis-1,2-Dichloroethene	725	U
74-97-5	Bromochloromethane	725	U
78-93-3	2-Butanone	3620	U
67-66-3	Chloroform	725	U
71-55-6	1,1,1-Trichloroethane	725	U
56-23-5	Carbon tetrachloride	725	U
563-58-6	1,1-Dichloropropene	725	U
71-43-2	Benzene	725	U
107-06-2	1,2-Dichloroethane	725	U
79-01-6	Trichloroethene	725	U
108-05-4	Vinyl acetate	1450	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD269

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746215 Lab File ID: 46215M.D

Sample wt/vol: 1.38 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2338

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	725	U
74-95-3	Dibromomethane	725	U
75-27-4	Bromodichloromethane	725	U
10061-01-5	cis-1,3-Dichloropropene	725	U
108-10-1	4-Methyl-2-pentanone	1450	U
108-88-3	Toluene	725	U
10061-02-6	trans-1,3-Dichloropropene	725	U
79-00-5	1,1,2-Trichloroethane	725	U
127-18-4	Tetrachloroethene	1810	U
142-28-9	1,3-Dichloropropane	725	U
591-78-6	2-Hexanone	1450	U
124-48-1	Dibromochloromethane	725	U
106-93-4	1,2-Dibromoethane(EDB)	725	U
108-90-7	Chlorobenzene	725	U
630-20-6	1,1,1,2-Tetrachloroethane	725	U
100-41-4	Ethylbenzene	725	U
511-39-00	p,m-Xylene	1450	U
95-47-6	o-Xylene	725	U
100-42-5	Styrene	725	U
75-25-2	Bromoform	1810	U
98-82-8	Isopropylbenzene (Cumene)	725	U
108-86-1	Bromobenzene	725	U
79-34-5	1,1,2,2-Tetrachloroethane	725	U
96-18-4	1,2,3-Trichloropropane	725	U
103-65-1	n-Propylbenzene	725	U
95-49-8	2-Chlorotoluene	725	U
106-43-4	4-Chlorotoluene	725	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD269

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746215 Lab File ID: 46215M.D

Sample wt/vol: 1.38 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 2338

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	725	U
98-06-6	tert-Butylbenzene	725	U
95-63-6	1,2,4-Trimethylbenzene	714	J
135-98-8	sec-Butylbenzene	639	J
541-73-1	1,3-Dichlorobenzene	725	U
106-46-7	1,4-Dichlorobenzene	725	U
99-87-6	4-Isopropyltoluene	725	U
104-51-8	n-Butylbenzene	272	J
95-50-1	1,2-Dichlorobenzene	3450	
96-12-8	1,2-Dibromo-3-chloropropane	3620	U
120-82-1	1,2,4-Trichlorobenzene	725	U
87-68-3	Hexachlorobutadiene	1090	U
91-20-3	Naphthalene	1840	
87-61-6	1,2,3-Trichlorobenzene	725	U
1634-04-4	MTBE	725	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD270

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746216 Lab File ID: 46216M.D

Sample wt/vol: 2.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0001

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	488	U
74-87-3	Chloromethane	488	U
75-01-4	Vinyl chloride	488	U
74-83-9	Bromomethane	488	U
75-00-3	Chloroethane	1220	U
75-69-4	Trichlorofluoromethane	488	U
75-35-4	1,1-Dichloroethene	488	U
107-02-8	Acrolein	6100	U
74-88-4	Methyl iodide	488	U
75-15-0	Carbon disulfide	488	U
75-09-2	Methylene chloride	1220	U
156-60-5	trans-1,2-Dichloroethene	488	U
107-13-1	Acrylonitrile	1220	U
75-34-3	1,1-Dichloroethane	488	U
67-64-1	Acetone	5730	
594-20-7	2,2-Dichloropropane	488	U
156-59-2	cis-1,2-Dichloroethene	488	U
74-97-5	Bromochloromethane	488	U
78-93-3	2-Butanone	1300	J
67-66-3	Chloroform	488	U
71-55-6	1,1,1-Trichloroethane	488	U
56-23-5	Carbon tetrachloride	488	U
563-58-6	1,1-Dichloropropene	488	U
71-43-2	Benzene	488	U
107-06-2	1,2-Dichloroethane	488	U
79-01-6	Trichloroethene	488	U
108-05-4	Vinyl acetate	976	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD270

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746216 Lab File ID: 46216M.D

Sample wt/vol: 2.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0001

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	488	U
74-95-3	Dibromomethane	488	U
75-27-4	Bromodichloromethane	488	U
10061-01-5	cis-1,3-Dichloropropene	488	U
108-10-1	4-Methyl-2-pentanone	976	U
108-88-3	Toluene	488	U
10061-02-6	trans-1,3-Dichloropropene	488	U
79-00-5	1,1,2-Trichloroethane	488	U
127-18-4	Tetrachloroethene	1220	U
142-28-9	1,3-Dichloropropane	488	U
591-78-6	2-Hexanone	976	U
124-48-1	Dibromochloromethane	488	U
106-93-4	1,2-Dibromoethane(EDB)	488	U
108-90-7	Chlorobenzene	488	U
630-20-6	1,1,1,2-Tetrachloroethane	488	U
100-41-4	Ethylbenzene	823	
511-39-00	p,m-Xylene	655	J
95-47-6	o-Xylene	488	U
100-42-5	Styrene	488	U
75-25-2	Bromoform	1220	U
98-82-8	Isopropylbenzene (Cumene)	488	U
108-86-1	Bromobenzene	488	U
79-34-5	1,1,2,2-Tetrachloroethane	488	U
96-18-4	1,2,3-Trichloropropane	488	U
103-65-1	n-Propylbenzene	488	U
95-49-8	2-Chlorotoluene	488	U
106-43-4	4-Chlorotoluene	488	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD270

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746216 Lab File ID: 46216M.D

Sample wt/vol: 2.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0001

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	488	U
98-06-6	tert-Butylbenzene	488	U
95-63-6	1,2,4-Trimethylbenzene	488	U
135-98-8	sec-Butylbenzene	488	U
541-73-1	1,3-Dichlorobenzene	488	U
106-46-7	1,4-Dichlorobenzene	488	U
99-87-6	4-Isopropyltoluene	488	U
104-51-8	n-Butylbenzene	488	U
95-50-1	1,2-Dichlorobenzene	488	U
96-12-8	1,2-Dibromo-3-chloropropane	2440	U
120-82-1	1,2,4-Trichlorobenzene	488	U
87-68-3	Hexachlorobutadiene	732	U
91-20-3	Naphthalene	520	
87-61-6	1,2,3-Trichlorobenzene	488	U
1634-04-4	MTBE	488	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD268

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746217 Lab File ID: 46217M.D

Sample wt/vol: 2.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0025

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	450	U
74-87-3	Chloromethane	450	U
75-01-4	Vinyl chloride	450	U
74-83-9	Bromomethane	450	U
75-00-3	Chloroethane	1130	U
75-69-4	Trichlorofluoromethane	450	U
75-35-4	1,1-Dichloroethene	450	U
107-02-8	Acrolein	5630	U
74-88-4	Methyl iodide	450	U
75-15-0	Carbon disulfide	450	U
75-09-2	Methylene chloride	1130	U
156-60-5	trans-1,2-Dichloroethene	450	U
107-13-1	Acrylonitrile	1130	U
75-34-3	1,1-Dichloroethane	450	U
67-64-1	Acetone	13700	
594-20-7	2,2-Dichloropropane	450	U
156-59-2	cis-1,2-Dichloroethene	450	U
74-97-5	Bromochloromethane	450	U
78-93-3	2-Butanone	5500	
67-66-3	Chloroform	450	U
71-55-6	1,1,1-Trichloroethane	450	U
56-23-5	Carbon tetrachloride	450	U
563-58-6	1,1-Dichloropropene	450	U
71-43-2	Benzene	450	U
107-06-2	1,2-Dichloroethane	450	U
79-01-6	Trichloroethene	450	U
108-05-4	Vinyl acetate	901	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD268

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746217 Lab File ID: 46217M.D

Sample wt/vol: 2.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0025

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	450	U
74-95-3	Dibromomethane	450	U
75-27-4	Bromodichloromethane	450	U
10061-01-5	cis-1,3-Dichloropropene	450	U
108-10-1	4-Methyl-2-pentanone	901	U
108-88-3	Toluene	450	U
10061-02-6	trans-1,3-Dichloropropene	450	U
79-00-5	1,1,2-Trichloroethane	450	U
127-18-4	Tetrachloroethene	1130	U
142-28-9	1,3-Dichloropropane	450	U
591-78-6	2-Hexanone	901	U
124-48-1	Dibromochloromethane	450	U
106-93-4	1,2-Dibromoethane(EDB)	450	U
108-90-7	Chlorobenzene	450	U
630-20-6	1,1,1,2-Tetrachloroethane	450	U
100-41-4	Ethylbenzene	450	U
511-39-00	p,m-Xylene	901	U
95-47-6	o-Xylene	450	U
100-42-5	Styrene	450	U
75-25-2	Bromoform	1130	U
98-82-8	Isopropylbenzene (Cumene)	450	U
108-86-1	Bromobenzene	450	U
79-34-5	1,1,2,2-Tetrachloroethane	450	U
96-18-4	1,2,3-Trichloropropane	450	U
103-65-1	n-Propylbenzene	450	U
95-49-8	2-Chlorotoluene	450	U
106-43-4	4-Chlorotoluene	450	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD268

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746217 Lab File ID: 46217M.D

Sample wt/vol: 2.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0025

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	450	U
98-06-6	tert-Butylbenzene	450	U
95-63-6	1,2,4-Trimethylbenzene	450	U
135-98-8	sec-Butylbenzene	450	U
541-73-1	1,3-Dichlorobenzene	450	U
106-46-7	1,4-Dichlorobenzene	450	U
99-87-6	4-Isopropyltoluene	450	U
104-51-8	n-Butylbenzene	450	U
95-50-1	1,2-Dichlorobenzene	450	U
96-12-8	1,2-Dibromo-3-chloropropane	2250	U
120-82-1	1,2,4-Trichlorobenzene	450	U
87-68-3	Hexachlorobutadiene	676	U
91-20-3	Naphthalene	209	J
87-61-6	1,2,3-Trichlorobenzene	450	U
1634-04-4	MTBE	450	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD183

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746218 Lab File ID: 46218M.D

Sample wt/vol: 1.64 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0048

PercentSolids: 100 decanted : (Dilution Factor: 5000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	61000	U
74-87-3	Chloromethane	61000	U
75-01-4	Vinyl chloride	61000	U
74-83-9	Bromomethane	61000	U
75-00-3	Chloroethane	152000	U
75-69-4	Trichlorofluoromethane	61000	U
75-35-4	1,1-Dichloroethene	61000	U
107-02-8	Acrolein	762000	U
74-88-4	Methyl iodide	61000	U
75-15-0	Carbon disulfide	61000	U
75-09-2	Methylene chloride	152000	U
156-60-5	trans-1,2-Dichloroethene	61000	U
107-13-1	Acrylonitrile	152000	U
75-34-3	1,1-Dichloroethane	61000	U
67-64-1	Acetone	305000	U
594-20-7	2,2-Dichloropropane	61000	U
156-59-2	cis-1,2-Dichloroethene	61000	U
74-97-5	Bromochloromethane	61000	U
78-93-3	2-Butanone	305000	U
67-66-3	Chloroform	61000	U
71-55-6	1,1,1-Trichloroethane	61000	U
56-23-5	Carbon tetrachloride	61000	U
563-58-6	1,1-Dichloropropene	61000	U
71-43-2	Benzene	61000	U
107-06-2	1,2-Dichloroethane	61000	U
79-01-6	Trichloroethene	61000	U
108-05-4	Vinyl acetate	122000	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD183

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746218 Lab File ID: 46218M.D

Sample wt/vol: 1.64 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0048

PercentSolids: 100 decanted : (Dilution Factor: 5000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	61000	U
74-95-3	Dibromomethane	61000	U
75-27-4	Bromodichloromethane	61000	U
10061-01-5	cis-1,3-Dichloropropene	61000	U
108-10-1	4-Methyl-2-pentanone	122000	U
108-88-3	Toluene	61000	U
10061-02-6	trans-1,3-Dichloropropene	61000	U
79-00-5	1,1,2-Trichloroethane	61000	U
127-18-4	Tetrachloroethene	152000	U
142-28-9	1,3-Dichloropropane	61000	U
591-78-6	2-Hexanone	122000	U
124-48-1	Dibromochloromethane	61000	U
106-93-4	1,2-Dibromoethane(EDB)	61000	U
108-90-7	Chlorobenzene	61000	U
630-20-6	1,1,1,2-Tetrachloroethane	61000	U
100-41-4	Ethylbenzene	61000	U
511-39-00	p,m-Xylene	122000	U
95-47-6	o-Xylene	61000	U
100-42-5	Styrene	61000	U
75-25-2	Bromoform	152000	U
98-82-8	Isopropylbenzene (Cumene)	61000	U
108-86-1	Bromobenzene	61000	U
79-34-5	1,1,2,2-Tetrachloroethane	61000	U
96-18-4	1,2,3-Trichloropropane	61000	U
103-65-1	n-Propylbenzene	61000	U
95-49-8	2-Chlorotoluene	61000	U
106-43-4	4-Chlorotoluene	61000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD183

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746218 Lab File ID: 46218M.D

Sample wt/vol: 1.64 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0048

PercentSolids: 100 decanted : (Dilution Factor: 5000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	61000	U
98-06-6	tert-Butylbenzene	61000	U
95-63-6	1,2,4-Trimethylbenzene	61000	U
135-98-8	sec-Butylbenzene	61000	U
541-73-1	1,3-Dichlorobenzene	61000	U
106-46-7	1,4-Dichlorobenzene	61000	U
99-87-6	4-Isopropyltoluene	61000	U
104-51-8	n-Butylbenzene	61000	U
95-50-1	1,2-Dichlorobenzene	61000	U
96-12-8	1,2-Dibromo-3-chloropropane	305000	U
120-82-1	1,2,4-Trichlorobenzene	61000	U
87-68-3	Hexachlorobutadiene	91500	U
91-20-3	Naphthalene	61000	U
87-61-6	1,2,3-Trichlorobenzene	61000	U
1634-04-4	MTBE	61000	U

QC Summary

120907 1526

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 090607BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0753

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 090607BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0753

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 090607BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0753

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 090607BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1919

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 090607BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1919

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 090607BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1919

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 090707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0822

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 090707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0822

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 090707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0822

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090607LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1860	93.0		30.0	45 - 128
Chloromethane	2000	2020	101.0		30.0	70 - 130
Vinyl chloride	2000	2220	111.0		30.0	70 - 130
Bromomethane	2000	2020	101.0		30.0	39 - 148
Chloroethane	2000	2160	108.0		30.0	55 - 139
Trichlorofluoromethane	2000	1790	89.5		30.0	70 - 130
1,1-Dichloroethene	2000	2300	115.0		30.0	70 - 130
Acrolein	6000	6790	113.0		30.0	69 - 130
Methyl iodide	2000	2270	114.0		30.0	55 - 133
Carbon disulfide	2000	1960	98.0		30.0	65 - 130
Methylene chloride	2000	1970	98.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2130	106.0		30.0	70 - 130
Acrylonitrile	6000	6500	108.0		30.0	70 - 130
1,1-Dichloroethane	2000	2230	112.0		30.0	70 - 130
Acetone	6000	5500	91.7		30.0	58 - 133
2,2-Dichloropropane	2000	1780	89.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2200	110.0		30.0	70 - 130
Bromochloromethane	2000	2210	110.0		30.0	70 - 130
2-Butanone	6000	5580	93.0		30.0	70 - 130
Chloroform	2000	2090	104.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2030	102.0		30.0	70 - 130
Carbon tetrachloride	2000	2210	110.0		30.0	70 - 130
1,1-Dichloropropene	2000	1920	96.0		30.0	70 - 130
Benzene	2000	2050	102.0		30.0	70 - 130
1,2-Dichloroethane	2000	1930	96.5		30.0	70 - 130
Trichloroethene	2000	2070	104.0		30.0	70 - 130
Vinyl acetate	2000	1780	89.0		30.0	70 - 130
1,2-Dichloropropane	2000	2020	101.0		30.0	70 - 130
Dibromomethane	2000	2030	102.0		30.0	70 - 130
Bromodichloromethane	2000	1860	93.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2060	103.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6360	106.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090607LCSA32

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2070	104.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2080	104.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2000	100.0		30.0	70 - 130
Tetrachloroethene	2000	2110	106.0		30.0	70 - 130
1,3-Dichloropropane	2000	2030	102.0		30.0	70 - 130
2-Hexanone	6000	6900	115.0		30.0	70 - 130
Dibromochloromethane	2000	2000	100.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2020	101.0		30.0	70 - 130
Chlorobenzene	2000	2000	100.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2060	103.0		30.0	70 - 130
Ethylbenzene	2000	2070	104.0		30.0	70 - 130
p,m-Xylene	4000	4150	104.0		30.0	70 - 130
o-Xylene	2000	2020	101.0		30.0	70 - 130
Styrene	2000	2100	105.0		30.0	70 - 130
Bromoform	2000	1880	94.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2170	108.0		30.0	70 - 130
Bromobenzene	2000	1970	98.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2020	101.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2020	101.0		30.0	70 - 130
n-Propylbenzene	2000	2120	106.0		30.0	70 - 130
2-Chlorotoluene	2000	2090	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2070	104.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2080	104.0		30.0	70 - 130
tert-Butylbenzene	2000	2080	104.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2050	102.0		30.0	70 - 130
sec-Butylbenzene	2000	2110	106.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1980	99.0		30.0	70 - 130
4-Isopropyltoluene	2000	2050	102.0		30.0	70 - 130
n-Butylbenzene	2000	2070	104.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1830	91.5		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1880	94.0		30.0	65 - 130
Hexachlorobutadiene	2000	1930	96.5		30.0	70 - 130
Naphthalene	2000	1890	94.5		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1830	91.5		30.0	70 - 130
MTBE	2000	1770	88.5		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090607LCSA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1820	91.0		30.0	45 - 128
Chloromethane	2000	2080	104.0		30.0	70 - 130
Vinyl chloride	2000	2210	110.0		30.0	70 - 130
Bromomethane	2000	2060	103.0		30.0	39 - 148
Chloroethane	2000	2190	110.0		30.0	55 - 139
Trichlorofluoromethane	2000	1780	89.0		30.0	70 - 130
1,1-Dichloroethene	2000	2240	112.0		30.0	70 - 130
Acrolein	6000	5240	87.3		30.0	69 - 130
Methyl iodide	2000	2480	124.0		30.0	55 - 133
Carbon disulfide	2000	2050	102.0		30.0	65 - 130
Methylene chloride	2000	2200	110.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2160	108.0		30.0	70 - 130
Acrylonitrile	6000	6250	104.0		30.0	70 - 130
1,1-Dichloroethane	2000	2280	114.0		30.0	70 - 130
Acetone	6000	5640	94.0		30.0	58 - 133
2,2-Dichloropropane	2000	1370	68.5 *		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2240	112.0		30.0	70 - 130
Bromochloromethane	2000	2020	101.0		30.0	70 - 130
2-Butanone	6000	6020	100.0		30.0	70 - 130
Chloroform	2000	2050	102.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1770	88.5		30.0	70 - 130
Carbon tetrachloride	2000	2090	104.0		30.0	70 - 130
1,1-Dichloropropene	2000	1880	94.0		30.0	70 - 130
Benzene	2000	2030	102.0		30.0	70 - 130
1,2-Dichloroethane	2000	2010	100.0		30.0	70 - 130
Trichloroethene	2000	2260	113.0		30.0	70 - 130
Vinyl acetate	2000	1620	81.0		30.0	70 - 130
1,2-Dichloropropane	2000	2060	103.0		30.0	70 - 130
Dibromomethane	2000	2010	100.0		30.0	70 - 130
Bromodichloromethane	2000	1930	96.5		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2000	100.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5840	97.3		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2060	103.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2020	101.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	1960	98.0		30.0	70 - 130
Tetrachloroethene	2000	2010	100.0		30.0	70 - 130
1,3-Dichloropropane	2000	2060	103.0		30.0	70 - 130
2-Hexanone	6000	5610	93.5		30.0	70 - 130
Dibromochloromethane	2000	1900	95.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1990	99.5		30.0	70 - 130
Chlorobenzene	2000	2030	102.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2010	100.0		30.0	70 - 130
Ethylbenzene	2000	2040	102.0		30.0	70 - 130
p,m-Xylene	4000	4080	102.0		30.0	70 - 130
o-Xylene	2000	2040	102.0		30.0	70 - 130
Styrene	2000	2110	106.0		30.0	70 - 130
Bromoform	2000	1880	94.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2080	104.0		30.0	70 - 130
Bromobenzene	2000	1990	99.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1570	78.5		30.0	70 - 130
1,2,3-Trichloropropane	2000	1930	96.5		30.0	70 - 130
n-Propylbenzene	2000	2040	102.0		30.0	70 - 130
2-Chlorotoluene	2000	2060	103.0		30.0	70 - 130
4-Chlorotoluene	2000	2020	101.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2050	102.0		30.0	70 - 130
tert-Butylbenzene	2000	2000	100.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2030	102.0		30.0	70 - 130
sec-Butylbenzene	2000	1990	99.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1990	99.5		30.0	70 - 130
1,4-Dichlorobenzene	2000	1960	98.0		30.0	70 - 130
4-Isopropyltoluene	2000	1960	98.0		30.0	70 - 130
n-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	1970	98.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1700	85.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1730	86.5		30.0	65 - 130
Hexachlorobutadiene	2000	1730	86.5		30.0	70 - 130
Naphthalene	2000	1760	88.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1740	87.0		30.0	70 - 130
MTBE	2000	1490	74.5		30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090707LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	2010	100.0		30.0	45 - 128
Chloromethane	2000	1900	95.0		30.0	70 - 130
Vinyl chloride	2000	1980	99.0		30.0	70 - 130
Bromomethane	2000	1950	97.5		30.0	39 - 148
Chloroethane	2000	2090	104.0		30.0	55 - 139
Trichlorofluoromethane	2000	1760	88.0		30.0	70 - 130
1,1-Dichloroethene	2000	2210	110.0		30.0	70 - 130
Acrolein	6000	5330	88.8		30.0	69 - 130
Methyl iodide	2000	2610	130.0		30.0	55 - 133
Carbon disulfide	2000	1850	92.5		30.0	65 - 130
Methylene chloride	2000	1990	99.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2090	104.0		30.0	70 - 130
Acrylonitrile	6000	6080	101.0		30.0	70 - 130
1,1-Dichloroethane	2000	2050	102.0		30.0	70 - 130
Acetone	6000	7370	123.0		30.0	58 - 133
2,2-Dichloropropane	2000	2620	131.0 *		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2020	101.0		30.0	70 - 130
Bromochloromethane	2000	2040	102.0		30.0	70 - 130
2-Butanone	6000	6220	104.0		30.0	70 - 130
Chloroform	2000	2060	103.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2130	106.0		30.0	70 - 130
Carbon tetrachloride	2000	2060	103.0		30.0	70 - 130
1,1-Dichloropropene	2000	2050	102.0		30.0	70 - 130
Benzene	2000	2060	103.0		30.0	70 - 130
1,2-Dichloroethane	2000	2060	103.0		30.0	70 - 130
Trichloroethene	2000	2020	101.0		30.0	70 - 130
Vinyl acetate	2000	2270	114.0		30.0	70 - 130
1,2-Dichloropropane	2000	2030	102.0		30.0	70 - 130
Dibromomethane	2000	2000	100.0		30.0	70 - 130
Bromodichloromethane	2000	2020	101.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2110	106.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6000	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090707LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2060	103.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2200	110.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2030	102.0		30.0	70 - 130
Tetrachloroethene	2000	2010	100.0		30.0	70 - 130
1,3-Dichloropropane	2000	2030	102.0		30.0	70 - 130
2-Hexanone	6000	6080	101.0		30.0	70 - 130
Dibromochloromethane	2000	2030	102.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2010	100.0		30.0	70 - 130
Chlorobenzene	2000	1990	99.5		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2040	102.0		30.0	70 - 130
Ethylbenzene	2000	2040	102.0		30.0	70 - 130
p,m-Xylene	4000	4020	100.0		30.0	70 - 130
o-Xylene	2000	2010	100.0		30.0	70 - 130
Styrene	2000	2080	104.0		30.0	70 - 130
Bromoform	2000	1980	99.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2000	100.0		30.0	70 - 130
Bromobenzene	2000	1930	96.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2010	100.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	1970	98.5		30.0	70 - 130
n-Propylbenzene	2000	1990	99.5		30.0	70 - 130
2-Chlorotoluene	2000	2030	102.0		30.0	70 - 130
4-Chlorotoluene	2000	1960	98.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1990	99.5		30.0	70 - 130
tert-Butylbenzene	2000	1920	96.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1990	99.5		30.0	70 - 130
sec-Butylbenzene	2000	1870	93.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1930	96.5		30.0	70 - 130
1,4-Dichlorobenzene	2000	1930	96.5		30.0	70 - 130
4-Isopropyltoluene	2000	1880	94.0		30.0	70 - 130
n-Butylbenzene	2000	1870	93.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	1970	98.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2010	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090707LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1750	87.5		30.0	65 - 130
Hexachlorobutadiene	2000	1680	84.0		30.0	70 - 130
Naphthalene	2000	1810	90.5		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1720	86.0		30.0	70 - 130
MTBE	2000	1980	99.0		30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

120907 1526

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample 389BLK was recovered above criteria for the following surrogate(s): Phenol-d5 at 119 % with criteria of (24-113).

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

Sample 390LCS was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 117 % with criteria of (30-115), Phenol-d5 at 121 % with criteria of (24-113).

Sample NPPD249 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 122 % with criteria of (30-115).

Sample NPPD250 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 116 % with criteria of (30-115), Phenol-d5 at 115 % with criteria of (24-113).

Sample NPPD252 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 3.5 % with criteria of (25-121) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 117 % with criteria of (30-115).

Sample NPPD253 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 142 % with criteria of (30-115), Nitrobenzene-d5 at 134 % with criteria of (23-120).

Sample NPPD254 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 4.5 % with criteria of (25-121) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 122 % with criteria of (30-115).

Sample NPPD260 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 129 % with criteria of (30-115).

Sample NPPD264 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 126 % with criteria of (30-115).

Sample NPPD266 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 120 % with criteria of (30-115).

Sample NPPD267 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 8 % with criteria of (25-121) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 121 % with criteria of (30-115).

Sample NPPD268 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 119 % with criteria of (30-115).

Sample NPPD269 was recovered below criteria for the following surrogate(s): Phenol-d5 at 19.6 % with criteria of (24-113).

Sample NPPD270 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 126 % with criteria of (30-115), Nitrobenzene-d5 at 121 % with criteria of (23-120).

Sample NPPD271 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 131 % with criteria of (30-115), Nitrobenzene-d5 at 124 % with criteria of (23-120), Phenol-d5 at 119 % with criteria of (24-113).

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

Sample NPPD37 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 142 % with criteria of (30-115).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPPD252 NPPD253 NPPD254 NPPD260 NPPD264 NPPD267 NPPD268 NPPD270

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 390LCS was analyzed with the soil samples extracted on 08/31/07. The following analyte(s) were recovered below criteria: 2-Nitroaniline at 68 % with criteria of (71-120), 3-Nitroaniline at 73.2 % with criteria of (76-110), Aniline at 0 % with criteria of (47-140), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), bis(2-ethylhexyl)phthalate at 62 % with criteria of (65-125), Butylbenzylphthalate at 63.8 % with criteria of (66-125), and the following analyte(s) were recovered above criteria: 1,2,4-Trichlorobenzene at 114 % with criteria of (71-110), 2,2-Oxybis(1-chloropropane) at 120 % with criteria of (52-115), 2-Nitrophenol at 112 % with criteria of (61-110), 3,3'-Dichlorobenzidine at 142 % with criteria of (41-130), Fluorene at 114 % with criteria of (67-110), N-Nitrosodimethylamine at 120 % with criteria of (48-115), Phenanthrene at 114 % with criteria of (67-110). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 116 % with criteria of (60-100), 1,3-Dichlorobenzene at 118 % with criteria of (61.5-105.5), 1,4-Dichlorobenzene at 122 % with criteria of (54.8-112.2), 2,4-Dimethylphenol at 122 % with criteria of (58.3-111.7), 2-Chloronaphthalene at 116 % with criteria of (66.5-110.5), 2-Methyl-4,6-dinitrophenol at 154 % with criteria of (17.2-151.8), 2-Methylnaphthalene at 119 % with criteria of (66.5-110.5), 2-Methylphenol (o-Cresol) at 123 % with criteria of (50.2-112.8), 4-Chlorophenyl-phenylether at 119 % with criteria of (57.5-117.5), 4-Methylphenol at 118 % with criteria of (49-113), Acenaphthene at 118 % with criteria of (57.5-117.5), Acenaphthylene at 112 % with criteria of (59.5-111.5), Aniline at 0 % with criteria of (31.5-155.5), Anthracene at 112 % with criteria of (60.7-111.3), Bis(2-Chloroethyl)ether at 117 % with criteria of (53.7-112.3), Chrysene at 119 % with criteria of (57.5-117.5), Dibenzofuran at 115 % with criteria of (70-110), Di-n-octylphthalate at 51 % with criteria of (53-141), Naphthalene at 124 % with criteria of (60.7-111.3), N-Nitrosodiphenylamine at 122 % with criteria of (70.7-121.3), Pentachlorophenol at 144 % with criteria of (22-134), Phenol at 120 % with criteria of (37-109).

Samples coded accordingly.

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

The recoveries are directly related to the final volume adjustment of 10 mL for the LCS to demonstrate recoveries that would be found in the samples.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
The following sample were analyzed at a 1:10 dilution due to non-target analyte interference.
Sample NPPD183
Sample NPPD247
Sample NPPD248
Sample NPPD249
Sample NPPD250
Sample NPPD252
Sample NPPD253
Sample NPPD254
Sample NPPD260
Sample NPPD261
Sample NPPD264
Sample NPPD266
Sample NPPD267
Sample NPPD268
Sample NPPD269
Sample NPPD270
Sample NPPD271
Sample NPPD37

All samples were only brought to a final volume of 10mL due to the nature of the samples.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

SIGNED: **DATE:** **09/10/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Method: 8270

EPA Sample No	Lab Sample ID
NPPD266	250746201
NPPD37	250746202
NPPD247	250746203
NPPD267	250746204
NPPD248	250746205
NPPD249	250746206
NPPD250	250746207
NPPD252	250746208
NPPD253	250746209
NPPD254	250746210
NPPD264	250746211
NPPD261	250746212
NPPD260	250746213
NPPD271	250746214
NPPD269	250746215
NPPD270	250746216
NPPD268	250746217
NPPD183	250746218

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Sample Data

120907 1526

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD266

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746201 Lab File ID: 462-01D10.D

Sample wt/vol: 1.26 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1055

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	318000	U
62-53-3	Aniline	318000	U
111-44-4	Bis(2-Chloroethyl)ether	318000	U
108-95-2	Phenol	1590000	U
95-57-8	2-Chlorophenol	318000	U
541-73-1	1,3-Dichlorobenzene	318000	U
106-46-7	1,4-Dichlorobenzene	318000	U
95-50-1	1,2-Dichlorobenzene	318000	U
100-51-6	Benzyl alcohol	794000	U
108-60-1	2,2-Oxybis(1-chloropropane)	321000	U
95-48-7	2-Methylphenol (o-Cresol)	318000	U
67-72-1	Hexachloroethane	321000	U
621-64-7	N-Nitroso-di-n-propylamine	318000	U
106-44-5	4-Methylphenol	318000	U
98-95-3	Nitrobenzene	318000	U
78-59-1	Isophorone	318000	U
88-75-5	2-Nitrophenol	318000	U
105-67-9	2,4-Dimethylphenol	318000	U
65-85-0	Benzoic acid	1590000	U
111-91-1	Bis(2-Chloroethoxy)methane	318000	U
120-83-2	2,4-Dichlorophenol	318000	U
120-82-1	1,2,4-Trichlorobenzene	318000	U
91-20-3	Naphthalene	318000	U
106-47-8	4-Chloroaniline	318000	U
91-57-6	2-Methylnaphthalene	318000	U
87-68-3	Hexachlorobutadiene	318000	U
59-50-7	4-Chloro-3-methylphenol	318000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD266

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746201 Lab File ID: 462-01D10.D

Sample wt/vol: 1.26 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1055

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	318000	U
77-47-4	Hexachlorocyclopentadiene	794000	U
88-06-2	2,4,6-Trichlorophenol	318000	U
95-95-4	2,4,5-Trichlorophenol	318000	U
91-58-7	2-Chloronaphthalene	321000	U
88-74-4	2-Nitroaniline	318000	U
208-96-8	Acenaphthylene	318000	U
131-11-3	Dimethyl-phthalate	318000	U
606-20-2	2,6-Dinitrotoluene	318000	U
83-32-9	Acenaphthene	318000	U
99-09-2	3-Nitroaniline	318000	U
51-28-5	2,4-Dinitrophenol	1600000	U
132-64-9	Dibenzofuran	318000	U
121-14-2	2,4-Dinitrotoluene	318000	U
100-02-7	4-Nitrophenol	794000	U
86-73-7	Fluorene	318000	U
7005-72-3	4-Chlorophenyl-phenylether	318000	U
84-66-2	Diethylphthalate	318000	U
100-01-6	4-Nitroaniline	318000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1590000	U
86-30-6	N-Nitrosodiphenylamine	318000	U
101-55-3	4-Bromophenyl-phenylether	318000	U
118-74-1	Hexachlorobenzene	318000	U
87-86-5	Pentachlorophenol	1590000	U
85-01-8	Phenanthrene	318000	U
120-12-7	Anthracene	318000	U
84-74-2	Di-n-butylphthalate	318000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD266

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746201 Lab File ID: 462-01D10.D

Sample wt/vol: 1.26 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1055

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	318000	U
129-00-0	Pyrene	318000	U
92-87-5	Benzidine	798000	U
85-68-7	Butylbenzylphthalate	318000	U
91-94-1	3,3'-Dichlorobenzidine	318000	U
56-55-3	Benzo(a)anthracene	318000	U
218-01-9	Chrysene	318000	U
117-81-7	bis(2-ethylhexyl)phthalate	318000	U
117-84-0	Di-n-octylphthalate	318000	U
205-99-2	Benzo(b)fluoranthene	318000	U
207-08-9	Benzo(k)fluoranthene	318000	U
50-32-8	Benzo(a)pyrene	318000	U
193-39-5	Indeno(1,2,3-cd)pyrene	318000	U
53-70-3	Dibenz(a,h)anthracene	318000	U
191-24-2	Benzo(g,h,i)perylene	318000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD37

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746202 Lab File ID: 462-02D10.D

Sample wt/vol: 1.42 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1128

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	282000	U
62-53-3	Aniline	282000	U
111-44-4	Bis(2-Chloroethyl)ether	282000	U
108-95-2	Phenol	1410000	U
95-57-8	2-Chlorophenol	282000	U
541-73-1	1,3-Dichlorobenzene	282000	U
106-46-7	1,4-Dichlorobenzene	282000	U
95-50-1	1,2-Dichlorobenzene	282000	U
100-51-6	Benzyl alcohol	704000	U
108-60-1	2,2-Oxybis(1-chloropropane)	285000	U
95-48-7	2-Methylphenol (o-Cresol)	282000	U
67-72-1	Hexachloroethane	285000	U
621-64-7	N-Nitroso-di-n-propylamine	282000	U
106-44-5	4-Methylphenol	282000	U
98-95-3	Nitrobenzene	282000	U
78-59-1	Isophorone	282000	U
88-75-5	2-Nitrophenol	282000	U
105-67-9	2,4-Dimethylphenol	282000	U
65-85-0	Benzoic acid	1410000	U
111-91-1	Bis(2-Chloroethoxy)methane	282000	U
120-83-2	2,4-Dichlorophenol	282000	U
120-82-1	1,2,4-Trichlorobenzene	282000	U
91-20-3	Naphthalene	282000	U
106-47-8	4-Chloroaniline	282000	U
91-57-6	2-Methylnaphthalene	282000	U
87-68-3	Hexachlorobutadiene	282000	U
59-50-7	4-Chloro-3-methylphenol	282000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD37

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746202 Lab File ID: 462-02D10.D

Sample wt/vol: 1.42 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1128

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	282000	U
77-47-4	Hexachlorocyclopentadiene	704000	U
88-06-2	2,4,6-Trichlorophenol	282000	U
95-95-4	2,4,5-Trichlorophenol	282000	U
91-58-7	2-Chloronaphthalene	285000	U
88-74-4	2-Nitroaniline	282000	U
208-96-8	Acenaphthylene	282000	U
131-11-3	Dimethyl-phthalate	282000	U
606-20-2	2,6-Dinitrotoluene	282000	U
83-32-9	Acenaphthene	282000	U
99-09-2	3-Nitroaniline	282000	U
51-28-5	2,4-Dinitrophenol	1420000	U
132-64-9	Dibenzofuran	282000	U
121-14-2	2,4-Dinitrotoluene	282000	U
100-02-7	4-Nitrophenol	704000	U
86-73-7	Fluorene	282000	U
7005-72-3	4-Chlorophenyl-phenylether	282000	U
84-66-2	Diethylphthalate	282000	U
100-01-6	4-Nitroaniline	282000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1410000	U
86-30-6	N-Nitrosodiphenylamine	282000	U
101-55-3	4-Bromophenyl-phenylether	282000	U
118-74-1	Hexachlorobenzene	282000	U
87-86-5	Pentachlorophenol	1410000	U
85-01-8	Phenanthrene	282000	U
120-12-7	Anthracene	282000	U
84-74-2	Di-n-butylphthalate	282000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD37

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746202 Lab File ID: 462-02D10.D

Sample wt/vol: 1.42 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1128

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	282000	U
129-00-0	Pyrene	282000	U
92-87-5	Benzidine	708000	U
85-68-7	Butylbenzylphthalate	282000	U
91-94-1	3,3'-Dichlorobenzidine	282000	U
56-55-3	Benzo(a)anthracene	282000	U
218-01-9	Chrysene	282000	U
117-81-7	bis(2-ethylhexyl)phthalate	282000	U
117-84-0	Di-n-octylphthalate	282000	U
205-99-2	Benzo(b)fluoranthene	282000	U
207-08-9	Benzo(k)fluoranthene	282000	U
50-32-8	Benzo(a)pyrene	282000	U
193-39-5	Indeno(1,2,3-cd)pyrene	282000	U
53-70-3	Dibenz(a,h)anthracene	282000	U
191-24-2	Benzo(g,h,i)perylene	282000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD247

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203 Lab File ID: 462-03D10.D

Sample wt/vol: 1.11 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1200

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	361000	U
62-53-3	Aniline	361000	U
111-44-4	Bis(2-Chloroethyl)ether	361000	U
108-95-2	Phenol	1800000	U
95-57-8	2-Chlorophenol	361000	U
541-73-1	1,3-Dichlorobenzene	361000	U
106-46-7	1,4-Dichlorobenzene	361000	U
95-50-1	1,2-Dichlorobenzene	361000	U
100-51-6	Benzyl alcohol	901000	U
108-60-1	2,2-Oxybis(1-chloropropane)	365000	U
95-48-7	2-Methylphenol (o-Cresol)	361000	U
67-72-1	Hexachloroethane	365000	U
621-64-7	N-Nitroso-di-n-propylamine	361000	U
106-44-5	4-Methylphenol	361000	U
98-95-3	Nitrobenzene	361000	U
78-59-1	Isophorone	361000	U
88-75-5	2-Nitrophenol	361000	U
105-67-9	2,4-Dimethylphenol	361000	U
65-85-0	Benzoic acid	1800000	U
111-91-1	Bis(2-Chloroethoxy)methane	361000	U
120-83-2	2,4-Dichlorophenol	361000	U
120-82-1	1,2,4-Trichlorobenzene	361000	U
91-20-3	Naphthalene	246000	J
106-47-8	4-Chloroaniline	361000	U
91-57-6	2-Methylnaphthalene	361000	U
87-68-3	Hexachlorobutadiene	361000	U
59-50-7	4-Chloro-3-methylphenol	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD247

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203 Lab File ID: 462-03D10.D

Sample wt/vol: 1.11 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1200

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	361000	U
77-47-4	Hexachlorocyclopentadiene	901000	U
88-06-2	2,4,6-Trichlorophenol	361000	U
95-95-4	2,4,5-Trichlorophenol	361000	U
91-58-7	2-Chloronaphthalene	365000	U
88-74-4	2-Nitroaniline	361000	U
208-96-8	Acenaphthylene	361000	U
131-11-3	Dimethyl-phthalate	361000	U
606-20-2	2,6-Dinitrotoluene	361000	U
83-32-9	Acenaphthene	361000	U
99-09-2	3-Nitroaniline	361000	U
51-28-5	2,4-Dinitrophenol	1810000	U
132-64-9	Dibenzofuran	361000	U
121-14-2	2,4-Dinitrotoluene	361000	U
100-02-7	4-Nitrophenol	901000	U
86-73-7	Fluorene	361000	U
7005-72-3	4-Chlorophenyl-phenylether	361000	U
84-66-2	Diethylphthalate	361000	U
100-01-6	4-Nitroaniline	361000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1800000	U
86-30-6	N-Nitrosodiphenylamine	361000	U
101-55-3	4-Bromophenyl-phenylether	361000	U
118-74-1	Hexachlorobenzene	361000	U
87-86-5	Pentachlorophenol	1800000	U
85-01-8	Phenanthrene	361000	U
120-12-7	Anthracene	361000	U
84-74-2	Di-n-butylphthalate	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD247

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203 Lab File ID: 462-03D10.D

Sample wt/vol: 1.11 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1200

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	361000	U
129-00-0	Pyrene	361000	U
92-87-5	Benzidine	905000	U
85-68-7	Butylbenzylphthalate	361000	U
91-94-1	3,3'-Dichlorobenzidine	361000	U
56-55-3	Benzo(a)anthracene	361000	U
218-01-9	Chrysene	361000	U
117-81-7	bis(2-ethylhexyl)phthalate	361000	U
117-84-0	Di-n-octylphthalate	361000	U
205-99-2	Benzo(b)fluoranthene	361000	U
207-08-9	Benzo(k)fluoranthene	361000	U
50-32-8	Benzo(a)pyrene	361000	U
193-39-5	Indeno(1,2,3-cd)pyrene	361000	U
53-70-3	Dibenz(a,h)anthracene	361000	U
191-24-2	Benzo(g,h,i)perylene	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD267

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746204 Lab File ID: 462-04D10.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1232

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	328000	U
62-53-3	Aniline	328000	U
111-44-4	Bis(2-Chloroethyl)ether	328000	U
108-95-2	Phenol	1640000	U
95-57-8	2-Chlorophenol	328000	U
541-73-1	1,3-Dichlorobenzene	328000	U
106-46-7	1,4-Dichlorobenzene	328000	U
95-50-1	1,2-Dichlorobenzene	328000	U
100-51-6	Benzyl alcohol	820000	U
108-60-1	2,2-Oxybis(1-chloropropane)	332000	U
95-48-7	2-Methylphenol (o-Cresol)	328000	U
67-72-1	Hexachloroethane	332000	U
621-64-7	N-Nitroso-di-n-propylamine	328000	U
106-44-5	4-Methylphenol	328000	U
98-95-3	Nitrobenzene	328000	U
78-59-1	Isophorone	328000	U
88-75-5	2-Nitrophenol	328000	U
105-67-9	2,4-Dimethylphenol	328000	U
65-85-0	Benzoic acid	1640000	U
111-91-1	Bis(2-Chloroethoxy)methane	328000	U
120-83-2	2,4-Dichlorophenol	328000	U
120-82-1	1,2,4-Trichlorobenzene	328000	U
91-20-3	Naphthalene	328000	U
106-47-8	4-Chloroaniline	328000	U
91-57-6	2-Methylnaphthalene	328000	U
87-68-3	Hexachlorobutadiene	328000	U
59-50-7	4-Chloro-3-methylphenol	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD267

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746204 Lab File ID: 462-04D10.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1232

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	328000	U
77-47-4	Hexachlorocyclopentadiene	820000	U
88-06-2	2,4,6-Trichlorophenol	328000	U
95-95-4	2,4,5-Trichlorophenol	328000	U
91-58-7	2-Chloronaphthalene	332000	U
88-74-4	2-Nitroaniline	328000	U
208-96-8	Acenaphthylene	328000	U
131-11-3	Dimethyl-phthalate	328000	U
606-20-2	2,6-Dinitrotoluene	328000	U
83-32-9	Acenaphthene	328000	U
99-09-2	3-Nitroaniline	328000	U
51-28-5	2,4-Dinitrophenol	1650000	U
132-64-9	Dibenzofuran	328000	U
121-14-2	2,4-Dinitrotoluene	328000	U
100-02-7	4-Nitrophenol	820000	U
86-73-7	Fluorene	328000	U
7005-72-3	4-Chlorophenyl-phenylether	328000	U
84-66-2	Diethylphthalate	328000	U
100-01-6	4-Nitroaniline	328000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1640000	U
86-30-6	N-Nitrosodiphenylamine	328000	U
101-55-3	4-Bromophenyl-phenylether	328000	U
118-74-1	Hexachlorobenzene	328000	U
87-86-5	Pentachlorophenol	1640000	U
85-01-8	Phenanthrene	328000	U
120-12-7	Anthracene	328000	U
84-74-2	Di-n-butylphthalate	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD267

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746204 Lab File ID: 462-04D10.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1232

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	328000	U
129-00-0	Pyrene	328000	U
92-87-5	Benzidine	824000	U
85-68-7	Butylbenzylphthalate	328000	U
91-94-1	3,3'-Dichlorobenzidine	328000	U
56-55-3	Benzo(a)anthracene	328000	U
218-01-9	Chrysene	328000	U
117-81-7	bis(2-ethylhexyl)phthalate	328000	U
117-84-0	Di-n-octylphthalate	328000	U
205-99-2	Benzo(b)fluoranthene	328000	U
207-08-9	Benzo(k)fluoranthene	328000	U
50-32-8	Benzo(a)pyrene	328000	U
193-39-5	Indeno(1,2,3-cd)pyrene	328000	U
53-70-3	Dibenz(a,h)anthracene	328000	U
191-24-2	Benzo(g,h,i)perylene	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD248

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205 Lab File ID: 462-05D10.D

Sample wt/vol: 1.3 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1305

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	308000	U
62-53-3	Aniline	308000	U
111-44-4	Bis(2-Chloroethyl)ether	308000	U
108-95-2	Phenol	1540000	U
95-57-8	2-Chlorophenol	308000	U
541-73-1	1,3-Dichlorobenzene	308000	U
106-46-7	1,4-Dichlorobenzene	308000	U
95-50-1	1,2-Dichlorobenzene	308000	U
100-51-6	Benzyl alcohol	770000	U
108-60-1	2,2-Oxybis(1-chloropropane)	312000	U
95-48-7	2-Methylphenol (o-Cresol)	308000	U
67-72-1	Hexachloroethane	312000	U
621-64-7	N-Nitroso-di-n-propylamine	308000	U
106-44-5	4-Methylphenol	308000	U
98-95-3	Nitrobenzene	308000	U
78-59-1	Isophorone	308000	U
88-75-5	2-Nitrophenol	308000	U
105-67-9	2,4-Dimethylphenol	308000	U
65-85-0	Benzoic acid	1540000	U
111-91-1	Bis(2-Chloroethoxy)methane	308000	U
120-83-2	2,4-Dichlorophenol	308000	U
120-82-1	1,2,4-Trichlorobenzene	308000	U
91-20-3	Naphthalene	875000	
106-47-8	4-Chloroaniline	308000	U
91-57-6	2-Methylnaphthalene	45100	J
87-68-3	Hexachlorobutadiene	308000	U
59-50-7	4-Chloro-3-methylphenol	308000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD248

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205 Lab File ID: 462-05D10.D

Sample wt/vol: 1.3 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1305

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	308000	U
77-47-4	Hexachlorocyclopentadiene	770000	U
88-06-2	2,4,6-Trichlorophenol	308000	U
95-95-4	2,4,5-Trichlorophenol	308000	U
91-58-7	2-Chloronaphthalene	312000	U
88-74-4	2-Nitroaniline	308000	U
208-96-8	Acenaphthylene	308000	U
131-11-3	Dimethyl-phthalate	308000	U
606-20-2	2,6-Dinitrotoluene	308000	U
83-32-9	Acenaphthene	308000	U
99-09-2	3-Nitroaniline	308000	U
51-28-5	2,4-Dinitrophenol	1550000	U
132-64-9	Dibenzofuran	308000	U
121-14-2	2,4-Dinitrotoluene	308000	U
100-02-7	4-Nitrophenol	770000	U
86-73-7	Fluorene	308000	U
7005-72-3	4-Chlorophenyl-phenylether	308000	U
84-66-2	Diethylphthalate	308000	U
100-01-6	4-Nitroaniline	308000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1540000	U
86-30-6	N-Nitrosodiphenylamine	308000	U
101-55-3	4-Bromophenyl-phenylether	308000	U
118-74-1	Hexachlorobenzene	308000	U
87-86-5	Pentachlorophenol	1540000	U
85-01-8	Phenanthrene	58600	J
120-12-7	Anthracene	308000	U
84-74-2	Di-n-butylphthalate	308000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD248

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205 Lab File ID: 462-05D10.D

Sample wt/vol: 1.3 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1305

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	308000	U
129-00-0	Pyrene	308000	U
92-87-5	Benzidine	773000	U
85-68-7	Butylbenzylphthalate	308000	U
91-94-1	3,3'-Dichlorobenzidine	308000	U
56-55-3	Benzo(a)anthracene	308000	U
218-01-9	Chrysene	308000	U
117-81-7	bis(2-ethylhexyl)phthalate	308000	U
117-84-0	Di-n-octylphthalate	308000	U
205-99-2	Benzo(b)fluoranthene	308000	U
207-08-9	Benzo(k)fluoranthene	308000	U
50-32-8	Benzo(a)pyrene	308000	U
193-39-5	Indeno(1,2,3-cd)pyrene	308000	U
53-70-3	Dibenz(a,h)anthracene	308000	U
191-24-2	Benzo(g,h,i)perylene	308000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD249

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746206 Lab File ID: 462-06D10.D

Sample wt/vol: 1.27 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1337

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	315000	U
62-53-3	Aniline	315000	U
111-44-4	Bis(2-Chloroethyl)ether	315000	U
108-95-2	Phenol	1580000	U
95-57-8	2-Chlorophenol	315000	U
541-73-1	1,3-Dichlorobenzene	315000	U
106-46-7	1,4-Dichlorobenzene	315000	U
95-50-1	1,2-Dichlorobenzene	315000	U
100-51-6	Benzyl alcohol	788000	U
108-60-1	2,2-Oxybis(1-chloropropane)	319000	U
95-48-7	2-Methylphenol (o-Cresol)	315000	U
67-72-1	Hexachloroethane	319000	U
621-64-7	N-Nitroso-di-n-propylamine	315000	U
106-44-5	4-Methylphenol	315000	U
98-95-3	Nitrobenzene	315000	U
78-59-1	Isophorone	315000	U
88-75-5	2-Nitrophenol	315000	U
105-67-9	2,4-Dimethylphenol	315000	U
65-85-0	Benzoic acid	1580000	U
111-91-1	Bis(2-Chloroethoxy)methane	315000	U
120-83-2	2,4-Dichlorophenol	315000	U
120-82-1	1,2,4-Trichlorobenzene	315000	U
91-20-3	Naphthalene	315000	U
106-47-8	4-Chloroaniline	315000	U
91-57-6	2-Methylnaphthalene	315000	U
87-68-3	Hexachlorobutadiene	315000	U
59-50-7	4-Chloro-3-methylphenol	315000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD249

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746206 Lab File ID: 462-06D10.D

Sample wt/vol: 1.27 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1337

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	315000	U
77-47-4	Hexachlorocyclopentadiene	788000	U
88-06-2	2,4,6-Trichlorophenol	315000	U
95-95-4	2,4,5-Trichlorophenol	315000	U
91-58-7	2-Chloronaphthalene	319000	U
88-74-4	2-Nitroaniline	315000	U
208-96-8	Acenaphthylene	315000	U
131-11-3	Dimethyl-phthalate	315000	U
606-20-2	2,6-Dinitrotoluene	315000	U
83-32-9	Acenaphthene	315000	U
99-09-2	3-Nitroaniline	315000	U
51-28-5	2,4-Dinitrophenol	1580000	U
132-64-9	Dibenzofuran	315000	U
121-14-2	2,4-Dinitrotoluene	315000	U
100-02-7	4-Nitrophenol	788000	U
86-73-7	Fluorene	315000	U
7005-72-3	4-Chlorophenyl-phenylether	315000	U
84-66-2	Diethylphthalate	315000	U
100-01-6	4-Nitroaniline	315000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1580000	U
86-30-6	N-Nitrosodiphenylamine	315000	U
101-55-3	4-Bromophenyl-phenylether	315000	U
118-74-1	Hexachlorobenzene	315000	U
87-86-5	Pentachlorophenol	1580000	U
85-01-8	Phenanthrene	315000	U
120-12-7	Anthracene	315000	U
84-74-2	Di-n-butylphthalate	315000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD249

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746206 Lab File ID: 462-06D10.D

Sample wt/vol: 1.27 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1337

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	315000	U
129-00-0	Pyrene	315000	U
92-87-5	Benzidine	791000	U
85-68-7	Butylbenzylphthalate	315000	U
91-94-1	3,3'-Dichlorobenzidine	315000	U
56-55-3	Benzo(a)anthracene	315000	U
218-01-9	Chrysene	315000	U
117-81-7	bis(2-ethylhexyl)phthalate	315000	U
117-84-0	Di-n-octylphthalate	315000	U
205-99-2	Benzo(b)fluoranthene	315000	U
207-08-9	Benzo(k)fluoranthene	315000	U
50-32-8	Benzo(a)pyrene	315000	U
193-39-5	Indeno(1,2,3-cd)pyrene	315000	U
53-70-3	Dibenz(a,h)anthracene	315000	U
191-24-2	Benzo(g,h,i)perylene	315000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD250

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746207 Lab File ID: 462-07D10.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1409

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	323000	U
62-53-3	Aniline	323000	U
111-44-4	Bis(2-Chloroethyl)ether	323000	U
108-95-2	Phenol	1610000	U
95-57-8	2-Chlorophenol	323000	U
541-73-1	1,3-Dichlorobenzene	323000	U
106-46-7	1,4-Dichlorobenzene	323000	U
95-50-1	1,2-Dichlorobenzene	323000	U
100-51-6	Benzyl alcohol	807000	U
108-60-1	2,2-Oxybis(1-chloropropane)	327000	U
95-48-7	2-Methylphenol (o-Cresol)	323000	U
67-72-1	Hexachloroethane	327000	U
621-64-7	N-Nitroso-di-n-propylamine	323000	U
106-44-5	4-Methylphenol	323000	U
98-95-3	Nitrobenzene	323000	U
78-59-1	Isophorone	323000	U
88-75-5	2-Nitrophenol	323000	U
105-67-9	2,4-Dimethylphenol	323000	U
65-85-0	Benzoic acid	1610000	U
111-91-1	Bis(2-Chloroethoxy)methane	323000	U
120-83-2	2,4-Dichlorophenol	323000	U
120-82-1	1,2,4-Trichlorobenzene	323000	U
91-20-3	Naphthalene	65400	J
106-47-8	4-Chloroaniline	323000	U
91-57-6	2-Methylnaphthalene	323000	U
87-68-3	Hexachlorobutadiene	323000	U
59-50-7	4-Chloro-3-methylphenol	323000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD250

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746207 Lab File ID: 462-07D10.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1409

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	323000	U
77-47-4	Hexachlorocyclopentadiene	807000	U
88-06-2	2,4,6-Trichlorophenol	323000	U
95-95-4	2,4,5-Trichlorophenol	323000	U
91-58-7	2-Chloronaphthalene	327000	U
88-74-4	2-Nitroaniline	323000	U
208-96-8	Acenaphthylene	323000	U
131-11-3	Dimethyl-phthalate	323000	U
606-20-2	2,6-Dinitrotoluene	323000	U
83-32-9	Acenaphthene	323000	U
99-09-2	3-Nitroaniline	323000	U
51-28-5	2,4-Dinitrophenol	1620000	U
132-64-9	Dibenzofuran	323000	U
121-14-2	2,4-Dinitrotoluene	323000	U
100-02-7	4-Nitrophenol	807000	U
86-73-7	Fluorene	323000	U
7005-72-3	4-Chlorophenyl-phenylether	323000	U
84-66-2	Diethylphthalate	323000	U
100-01-6	4-Nitroaniline	323000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1610000	U
86-30-6	N-Nitrosodiphenylamine	323000	U
101-55-3	4-Bromophenyl-phenylether	323000	U
118-74-1	Hexachlorobenzene	323000	U
87-86-5	Pentachlorophenol	1610000	U
85-01-8	Phenanthrene	323000	U
120-12-7	Anthracene	323000	U
84-74-2	Di-n-butylphthalate	323000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD250

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746207 Lab File ID: 462-07D10.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1409

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	323000	U
129-00-0	Pyrene	323000	U
92-87-5	Benzidine	810000	U
85-68-7	Butylbenzylphthalate	323000	U
91-94-1	3,3'-Dichlorobenzidine	323000	U
56-55-3	Benzo(a)anthracene	323000	U
218-01-9	Chrysene	323000	U
117-81-7	bis(2-ethylhexyl)phthalate	323000	U
117-84-0	Di-n-octylphthalate	323000	U
205-99-2	Benzo(b)fluoranthene	323000	U
207-08-9	Benzo(k)fluoranthene	323000	U
50-32-8	Benzo(a)pyrene	323000	U
193-39-5	Indeno(1,2,3-cd)pyrene	323000	U
53-70-3	Dibenz(a,h)anthracene	323000	U
191-24-2	Benzo(g,h,i)perylene	323000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD252

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746208 Lab File ID: 462-08D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1442

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD252

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746208 Lab File ID: 462-08D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1442

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD252

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746208 Lab File ID: 462-08D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1442

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD253

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746209 Lab File ID: 462-09D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1514

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	348000	U
62-53-3	Aniline	348000	U
111-44-4	Bis(2-Chloroethyl)ether	348000	U
108-95-2	Phenol	1740000	U
95-57-8	2-Chlorophenol	348000	U
541-73-1	1,3-Dichlorobenzene	348000	U
106-46-7	1,4-Dichlorobenzene	348000	U
95-50-1	1,2-Dichlorobenzene	348000	U
100-51-6	Benzyl alcohol	870000	U
108-60-1	2,2-Oxybis(1-chloropropane)	352000	U
95-48-7	2-Methylphenol (o-Cresol)	348000	U
67-72-1	Hexachloroethane	352000	U
621-64-7	N-Nitroso-di-n-propylamine	348000	U
106-44-5	4-Methylphenol	348000	U
98-95-3	Nitrobenzene	348000	U
78-59-1	Isophorone	348000	U
88-75-5	2-Nitrophenol	348000	U
105-67-9	2,4-Dimethylphenol	348000	U
65-85-0	Benzoic acid	1740000	U
111-91-1	Bis(2-Chloroethoxy)methane	348000	U
120-83-2	2,4-Dichlorophenol	348000	U
120-82-1	1,2,4-Trichlorobenzene	348000	U
91-20-3	Naphthalene	348000	U
106-47-8	4-Chloroaniline	348000	U
91-57-6	2-Methylnaphthalene	348000	U
87-68-3	Hexachlorobutadiene	348000	U
59-50-7	4-Chloro-3-methylphenol	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD253

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746209 Lab File ID: 462-09D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1514

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	348000	U
77-47-4	Hexachlorocyclopentadiene	870000	U
88-06-2	2,4,6-Trichlorophenol	348000	U
95-95-4	2,4,5-Trichlorophenol	348000	U
91-58-7	2-Chloronaphthalene	352000	U
88-74-4	2-Nitroaniline	348000	U
208-96-8	Acenaphthylene	348000	U
131-11-3	Dimethyl-phthalate	348000	U
606-20-2	2,6-Dinitrotoluene	348000	U
83-32-9	Acenaphthene	348000	U
99-09-2	3-Nitroaniline	348000	U
51-28-5	2,4-Dinitrophenol	1750000	U
132-64-9	Dibenzofuran	348000	U
121-14-2	2,4-Dinitrotoluene	348000	U
100-02-7	4-Nitrophenol	870000	U
86-73-7	Fluorene	348000	U
7005-72-3	4-Chlorophenyl-phenylether	348000	U
84-66-2	Diethylphthalate	348000	U
100-01-6	4-Nitroaniline	348000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1740000	U
86-30-6	N-Nitrosodiphenylamine	348000	U
101-55-3	4-Bromophenyl-phenylether	348000	U
118-74-1	Hexachlorobenzene	348000	U
87-86-5	Pentachlorophenol	1740000	U
85-01-8	Phenanthrene	348000	U
120-12-7	Anthracene	348000	U
84-74-2	Di-n-butylphthalate	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD253

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746209 Lab File ID: 462-09D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1514

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	348000	U
129-00-0	Pyrene	348000	U
92-87-5	Benzidine	874000	U
85-68-7	Butylbenzylphthalate	348000	U
91-94-1	3,3'-Dichlorobenzidine	348000	U
56-55-3	Benzo(a)anthracene	348000	U
218-01-9	Chrysene	348000	U
117-81-7	bis(2-ethylhexyl)phthalate	348000	U
117-84-0	Di-n-octylphthalate	348000	U
205-99-2	Benzo(b)fluoranthene	348000	U
207-08-9	Benzo(k)fluoranthene	348000	U
50-32-8	Benzo(a)pyrene	348000	U
193-39-5	Indeno(1,2,3-cd)pyrene	348000	U
53-70-3	Dibenz(a,h)anthracene	348000	U
191-24-2	Benzo(g,h,i)perylene	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD254

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746210 Lab File ID: 462-10D10.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1547

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	323000	U
62-53-3	Aniline	323000	U
111-44-4	Bis(2-Chloroethyl)ether	323000	U
108-95-2	Phenol	1610000	U
95-57-8	2-Chlorophenol	323000	U
541-73-1	1,3-Dichlorobenzene	323000	U
106-46-7	1,4-Dichlorobenzene	323000	U
95-50-1	1,2-Dichlorobenzene	323000	U
100-51-6	Benzyl alcohol	807000	U
108-60-1	2,2-Oxybis(1-chloropropane)	327000	U
95-48-7	2-Methylphenol (o-Cresol)	323000	U
67-72-1	Hexachloroethane	327000	U
621-64-7	N-Nitroso-di-n-propylamine	323000	U
106-44-5	4-Methylphenol	323000	U
98-95-3	Nitrobenzene	323000	U
78-59-1	Isophorone	323000	U
88-75-5	2-Nitrophenol	323000	U
105-67-9	2,4-Dimethylphenol	323000	U
65-85-0	Benzoic acid	1610000	U
111-91-1	Bis(2-Chloroethoxy)methane	323000	U
120-83-2	2,4-Dichlorophenol	323000	U
120-82-1	1,2,4-Trichlorobenzene	323000	U
91-20-3	Naphthalene	323000	U
106-47-8	4-Chloroaniline	323000	U
91-57-6	2-Methylnaphthalene	323000	U
87-68-3	Hexachlorobutadiene	323000	U
59-50-7	4-Chloro-3-methylphenol	323000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD254

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746210 Lab File ID: 462-10D10.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1547

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	323000	U
77-47-4	Hexachlorocyclopentadiene	807000	U
88-06-2	2,4,6-Trichlorophenol	323000	U
95-95-4	2,4,5-Trichlorophenol	323000	U
91-58-7	2-Chloronaphthalene	327000	U
88-74-4	2-Nitroaniline	323000	U
208-96-8	Acenaphthylene	323000	U
131-11-3	Dimethyl-phthalate	323000	U
606-20-2	2,6-Dinitrotoluene	323000	U
83-32-9	Acenaphthene	323000	U
99-09-2	3-Nitroaniline	323000	U
51-28-5	2,4-Dinitrophenol	1620000	U
132-64-9	Dibenzofuran	323000	U
121-14-2	2,4-Dinitrotoluene	323000	U
100-02-7	4-Nitrophenol	807000	U
86-73-7	Fluorene	323000	U
7005-72-3	4-Chlorophenyl-phenylether	323000	U
84-66-2	Diethylphthalate	323000	U
100-01-6	4-Nitroaniline	323000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1610000	U
86-30-6	N-Nitrosodiphenylamine	323000	U
101-55-3	4-Bromophenyl-phenylether	323000	U
118-74-1	Hexachlorobenzene	323000	U
87-86-5	Pentachlorophenol	1610000	U
85-01-8	Phenanthrene	54700	J
120-12-7	Anthracene	323000	U
84-74-2	Di-n-butylphthalate	323000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD254

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746210 Lab File ID: 462-10D10.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1547

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	323000	U
129-00-0	Pyrene	323000	U
92-87-5	Benzidine	810000	U
85-68-7	Butylbenzylphthalate	323000	U
91-94-1	3,3'-Dichlorobenzidine	323000	U
56-55-3	Benzo(a)anthracene	323000	U
218-01-9	Chrysene	323000	U
117-81-7	bis(2-ethylhexyl)phthalate	323000	U
117-84-0	Di-n-octylphthalate	323000	U
205-99-2	Benzo(b)fluoranthene	323000	U
207-08-9	Benzo(k)fluoranthene	323000	U
50-32-8	Benzo(a)pyrene	323000	U
193-39-5	Indeno(1,2,3-cd)pyrene	323000	U
53-70-3	Dibenz(a,h)anthracene	323000	U
191-24-2	Benzo(g,h,i)perylene	323000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD264

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746211 Lab File ID: 462-11D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2135

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	348000	U
62-53-3	Aniline	348000	U
111-44-4	Bis(2-Chloroethyl)ether	348000	U
108-95-2	Phenol	1740000	U
95-57-8	2-Chlorophenol	348000	U
541-73-1	1,3-Dichlorobenzene	348000	U
106-46-7	1,4-Dichlorobenzene	348000	U
95-50-1	1,2-Dichlorobenzene	348000	U
100-51-6	Benzyl alcohol	870000	U
108-60-1	2,2-Oxybis(1-chloropropane)	352000	U
95-48-7	2-Methylphenol (o-Cresol)	348000	U
67-72-1	Hexachloroethane	352000	U
621-64-7	N-Nitroso-di-n-propylamine	348000	U
106-44-5	4-Methylphenol	348000	U
98-95-3	Nitrobenzene	348000	U
78-59-1	Isophorone	348000	U
88-75-5	2-Nitrophenol	348000	U
105-67-9	2,4-Dimethylphenol	348000	U
65-85-0	Benzoic acid	1740000	U
111-91-1	Bis(2-Chloroethoxy)methane	348000	U
120-83-2	2,4-Dichlorophenol	348000	U
120-82-1	1,2,4-Trichlorobenzene	348000	U
91-20-3	Naphthalene	348000	U
106-47-8	4-Chloroaniline	348000	U
91-57-6	2-Methylnaphthalene	348000	U
87-68-3	Hexachlorobutadiene	348000	U
59-50-7	4-Chloro-3-methylphenol	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD264

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746211 Lab File ID: 462-11D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2135

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	348000	U
77-47-4	Hexachlorocyclopentadiene	870000	U
88-06-2	2,4,6-Trichlorophenol	348000	U
95-95-4	2,4,5-Trichlorophenol	348000	U
91-58-7	2-Chloronaphthalene	352000	U
88-74-4	2-Nitroaniline	348000	U
208-96-8	Acenaphthylene	348000	U
131-11-3	Dimethyl-phthalate	348000	U
606-20-2	2,6-Dinitrotoluene	348000	U
83-32-9	Acenaphthene	348000	U
99-09-2	3-Nitroaniline	348000	U
51-28-5	2,4-Dinitrophenol	1750000	U
132-64-9	Dibenzofuran	348000	U
121-14-2	2,4-Dinitrotoluene	348000	U
100-02-7	4-Nitrophenol	870000	U
86-73-7	Fluorene	348000	U
7005-72-3	4-Chlorophenyl-phenylether	348000	U
84-66-2	Diethylphthalate	348000	U
100-01-6	4-Nitroaniline	348000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1740000	U
86-30-6	N-Nitrosodiphenylamine	348000	U
101-55-3	4-Bromophenyl-phenylether	348000	U
118-74-1	Hexachlorobenzene	348000	U
87-86-5	Pentachlorophenol	1740000	U
85-01-8	Phenanthrene	58100	J
120-12-7	Anthracene	348000	U
84-74-2	Di-n-butylphthalate	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD264

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746211 Lab File ID: 462-11D10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2135

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	348000	U
129-00-0	Pyrene	348000	U
92-87-5	Benzidine	874000	U
85-68-7	Butylbenzylphthalate	348000	U
91-94-1	3,3'-Dichlorobenzidine	348000	U
56-55-3	Benzo(a)anthracene	348000	U
218-01-9	Chrysene	348000	U
117-81-7	bis(2-ethylhexyl)phthalate	348000	U
117-84-0	Di-n-octylphthalate	348000	U
205-99-2	Benzo(b)fluoranthene	348000	U
207-08-9	Benzo(k)fluoranthene	348000	U
50-32-8	Benzo(a)pyrene	348000	U
193-39-5	Indeno(1,2,3-cd)pyrene	348000	U
53-70-3	Dibenz(a,h)anthracene	348000	U
191-24-2	Benzo(g,h,i)perylene	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD261

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746212 Lab File ID: 462-12D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2207

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	345000	U
62-53-3	Aniline	345000	U
111-44-4	Bis(2-Chloroethyl)ether	345000	U
108-95-2	Phenol	1720000	U
95-57-8	2-Chlorophenol	345000	U
541-73-1	1,3-Dichlorobenzene	345000	U
106-46-7	1,4-Dichlorobenzene	345000	U
95-50-1	1,2-Dichlorobenzene	345000	U
100-51-6	Benzyl alcohol	862000	U
108-60-1	2,2-Oxybis(1-chloropropane)	349000	U
95-48-7	2-Methylphenol (o-Cresol)	345000	U
67-72-1	Hexachloroethane	349000	U
621-64-7	N-Nitroso-di-n-propylamine	345000	U
106-44-5	4-Methylphenol	345000	U
98-95-3	Nitrobenzene	345000	U
78-59-1	Isophorone	345000	U
88-75-5	2-Nitrophenol	345000	U
105-67-9	2,4-Dimethylphenol	345000	U
65-85-0	Benzoic acid	1720000	U
111-91-1	Bis(2-Chloroethoxy)methane	345000	U
120-83-2	2,4-Dichlorophenol	345000	U
120-82-1	1,2,4-Trichlorobenzene	345000	U
91-20-3	Naphthalene	345000	U
106-47-8	4-Chloroaniline	345000	U
91-57-6	2-Methylnaphthalene	345000	U
87-68-3	Hexachlorobutadiene	345000	U
59-50-7	4-Chloro-3-methylphenol	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD261

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746212 Lab File ID: 462-12D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2207

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	345000	U
77-47-4	Hexachlorocyclopentadiene	862000	U
88-06-2	2,4,6-Trichlorophenol	345000	U
95-95-4	2,4,5-Trichlorophenol	345000	U
91-58-7	2-Chloronaphthalene	349000	U
88-74-4	2-Nitroaniline	345000	U
208-96-8	Acenaphthylene	345000	U
131-11-3	Dimethyl-phthalate	345000	U
606-20-2	2,6-Dinitrotoluene	345000	U
83-32-9	Acenaphthene	345000	U
99-09-2	3-Nitroaniline	345000	U
51-28-5	2,4-Dinitrophenol	1730000	U
132-64-9	Dibenzofuran	345000	U
121-14-2	2,4-Dinitrotoluene	345000	U
100-02-7	4-Nitrophenol	862000	U
86-73-7	Fluorene	345000	U
7005-72-3	4-Chlorophenyl-phenylether	345000	U
84-66-2	Diethylphthalate	345000	U
100-01-6	4-Nitroaniline	345000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1720000	U
86-30-6	N-Nitrosodiphenylamine	345000	U
101-55-3	4-Bromophenyl-phenylether	345000	U
118-74-1	Hexachlorobenzene	345000	U
87-86-5	Pentachlorophenol	1720000	U
85-01-8	Phenanthrene	345000	U
120-12-7	Anthracene	345000	U
84-74-2	Di-n-butylphthalate	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD261

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746212 Lab File ID: 462-12D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2207

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	345000	U
129-00-0	Pyrene	345000	U
92-87-5	Benzidine	866000	U
85-68-7	Butylbenzylphthalate	345000	U
91-94-1	3,3'-Dichlorobenzidine	345000	U
56-55-3	Benzo(a)anthracene	345000	U
218-01-9	Chrysene	345000	U
117-81-7	bis(2-ethylhexyl)phthalate	345000	U
117-84-0	Di-n-octylphthalate	345000	U
205-99-2	Benzo(b)fluoranthene	345000	U
207-08-9	Benzo(k)fluoranthene	345000	U
50-32-8	Benzo(a)pyrene	345000	U
193-39-5	Indeno(1,2,3-cd)pyrene	345000	U
53-70-3	Dibenz(a,h)anthracene	345000	U
191-24-2	Benzo(g,h,i)perylene	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD260

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746213 Lab File ID: 462-13D10.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2239

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	342000	U
62-53-3	Aniline	342000	U
111-44-4	Bis(2-Chloroethyl)ether	342000	U
108-95-2	Phenol	1710000	U
95-57-8	2-Chlorophenol	342000	U
541-73-1	1,3-Dichlorobenzene	342000	U
106-46-7	1,4-Dichlorobenzene	342000	U
95-50-1	1,2-Dichlorobenzene	342000	U
100-51-6	Benzyl alcohol	855000	U
108-60-1	2,2-Oxybis(1-chloropropane)	346000	U
95-48-7	2-Methylphenol (o-Cresol)	342000	U
67-72-1	Hexachloroethane	346000	U
621-64-7	N-Nitroso-di-n-propylamine	342000	U
106-44-5	4-Methylphenol	342000	U
98-95-3	Nitrobenzene	342000	U
78-59-1	Isophorone	342000	U
88-75-5	2-Nitrophenol	342000	U
105-67-9	2,4-Dimethylphenol	342000	U
65-85-0	Benzoic acid	1710000	U
111-91-1	Bis(2-Chloroethoxy)methane	342000	U
120-83-2	2,4-Dichlorophenol	342000	U
120-82-1	1,2,4-Trichlorobenzene	342000	U
91-20-3	Naphthalene	342000	U
106-47-8	4-Chloroaniline	342000	U
91-57-6	2-Methylnaphthalene	342000	U
87-68-3	Hexachlorobutadiene	342000	U
59-50-7	4-Chloro-3-methylphenol	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD260

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746213 Lab File ID: 462-13D10.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2239

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	342000	U
77-47-4	Hexachlorocyclopentadiene	855000	U
88-06-2	2,4,6-Trichlorophenol	342000	U
95-95-4	2,4,5-Trichlorophenol	342000	U
91-58-7	2-Chloronaphthalene	346000	U
88-74-4	2-Nitroaniline	342000	U
208-96-8	Acenaphthylene	342000	U
131-11-3	Dimethyl-phthalate	342000	U
606-20-2	2,6-Dinitrotoluene	342000	U
83-32-9	Acenaphthene	342000	U
99-09-2	3-Nitroaniline	342000	U
51-28-5	2,4-Dinitrophenol	1720000	U
132-64-9	Dibenzofuran	342000	U
121-14-2	2,4-Dinitrotoluene	342000	U
100-02-7	4-Nitrophenol	855000	U
86-73-7	Fluorene	342000	U
7005-72-3	4-Chlorophenyl-phenylether	342000	U
84-66-2	Diethylphthalate	342000	U
100-01-6	4-Nitroaniline	342000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1710000	U
86-30-6	N-Nitrosodiphenylamine	342000	U
101-55-3	4-Bromophenyl-phenylether	342000	U
118-74-1	Hexachlorobenzene	342000	U
87-86-5	Pentachlorophenol	1710000	U
85-01-8	Phenanthrene	342000	U
120-12-7	Anthracene	342000	U
84-74-2	Di-n-butylphthalate	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD260

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746213 Lab File ID: 462-13D10.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2239

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	342000	U
129-00-0	Pyrene	342000	U
92-87-5	Benzidine	859000	U
85-68-7	Butylbenzylphthalate	342000	U
91-94-1	3,3'-Dichlorobenzidine	342000	U
56-55-3	Benzo(a)anthracene	342000	U
218-01-9	Chrysene	342000	U
117-81-7	bis(2-ethylhexyl)phthalate	342000	U
117-84-0	Di-n-octylphthalate	342000	U
205-99-2	Benzo(b)fluoranthene	342000	U
207-08-9	Benzo(k)fluoranthene	342000	U
50-32-8	Benzo(a)pyrene	342000	U
193-39-5	Indeno(1,2,3-cd)pyrene	342000	U
53-70-3	Dibenz(a,h)anthracene	342000	U
191-24-2	Benzo(g,h,i)perylene	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD271

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746214 Lab File ID: 462-14D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2311

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	345000	U
62-53-3	Aniline	345000	U
111-44-4	Bis(2-Chloroethyl)ether	345000	U
108-95-2	Phenol	1720000	U
95-57-8	2-Chlorophenol	345000	U
541-73-1	1,3-Dichlorobenzene	345000	U
106-46-7	1,4-Dichlorobenzene	345000	U
95-50-1	1,2-Dichlorobenzene	345000	U
100-51-6	Benzyl alcohol	862000	U
108-60-1	2,2-Oxybis(1-chloropropane)	349000	U
95-48-7	2-Methylphenol (o-Cresol)	345000	U
67-72-1	Hexachloroethane	349000	U
621-64-7	N-Nitroso-di-n-propylamine	345000	U
106-44-5	4-Methylphenol	345000	U
98-95-3	Nitrobenzene	345000	U
78-59-1	Isophorone	345000	U
88-75-5	2-Nitrophenol	345000	U
105-67-9	2,4-Dimethylphenol	345000	U
65-85-0	Benzoic acid	1720000	U
111-91-1	Bis(2-Chloroethoxy)methane	345000	U
120-83-2	2,4-Dichlorophenol	345000	U
120-82-1	1,2,4-Trichlorobenzene	345000	U
91-20-3	Naphthalene	345000	U
106-47-8	4-Chloroaniline	345000	U
91-57-6	2-Methylnaphthalene	345000	U
87-68-3	Hexachlorobutadiene	345000	U
59-50-7	4-Chloro-3-methylphenol	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD271

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746214 Lab File ID: 462-14D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2311

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	345000	U
77-47-4	Hexachlorocyclopentadiene	862000	U
88-06-2	2,4,6-Trichlorophenol	345000	U
95-95-4	2,4,5-Trichlorophenol	345000	U
91-58-7	2-Chloronaphthalene	349000	U
88-74-4	2-Nitroaniline	345000	U
208-96-8	Acenaphthylene	345000	U
131-11-3	Dimethyl-phthalate	345000	U
606-20-2	2,6-Dinitrotoluene	345000	U
83-32-9	Acenaphthene	345000	U
99-09-2	3-Nitroaniline	345000	U
51-28-5	2,4-Dinitrophenol	1730000	U
132-64-9	Dibenzofuran	345000	U
121-14-2	2,4-Dinitrotoluene	345000	U
100-02-7	4-Nitrophenol	862000	U
86-73-7	Fluorene	345000	U
7005-72-3	4-Chlorophenyl-phenylether	345000	U
84-66-2	Diethylphthalate	345000	U
100-01-6	4-Nitroaniline	345000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1720000	U
86-30-6	N-Nitrosodiphenylamine	345000	U
101-55-3	4-Bromophenyl-phenylether	345000	U
118-74-1	Hexachlorobenzene	345000	U
87-86-5	Pentachlorophenol	1720000	U
85-01-8	Phenanthrene	345000	U
120-12-7	Anthracene	345000	U
84-74-2	Di-n-butylphthalate	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD271

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746214 Lab File ID: 462-14D10.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2311

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	345000	U
129-00-0	Pyrene	345000	U
92-87-5	Benzidine	866000	U
85-68-7	Butylbenzylphthalate	345000	U
91-94-1	3,3'-Dichlorobenzidine	345000	U
56-55-3	Benzo(a)anthracene	345000	U
218-01-9	Chrysene	345000	U
117-81-7	bis(2-ethylhexyl)phthalate	345000	U
117-84-0	Di-n-octylphthalate	345000	U
205-99-2	Benzo(b)fluoranthene	345000	U
207-08-9	Benzo(k)fluoranthene	345000	U
50-32-8	Benzo(a)pyrene	345000	U
193-39-5	Indeno(1,2,3-cd)pyrene	345000	U
53-70-3	Dibenz(a,h)anthracene	345000	U
191-24-2	Benzo(g,h,i)perylene	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD269

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746215 Lab File ID: 462-15D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2344

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	1790000	U
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD269

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746215 Lab File ID: 462-15D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2344

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	358000	U
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD269

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746215 Lab File ID: 462-15D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2344

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD270

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746216 Lab File ID: 462-16D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0016

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	1790000	U
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD270

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746216 Lab File ID: 462-16D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0016

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	358000	U
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD270

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746216 Lab File ID: 462-16D10.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0016

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD268

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746217 Lab File ID: 462-17D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0048

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	336000	U
62-53-3	Aniline	336000	U
111-44-4	Bis(2-Chloroethyl)ether	336000	U
108-95-2	Phenol	1680000	U
95-57-8	2-Chlorophenol	336000	U
541-73-1	1,3-Dichlorobenzene	336000	U
106-46-7	1,4-Dichlorobenzene	336000	U
95-50-1	1,2-Dichlorobenzene	336000	U
100-51-6	Benzyl alcohol	841000	U
108-60-1	2,2-Oxybis(1-chloropropane)	340000	U
95-48-7	2-Methylphenol (o-Cresol)	336000	U
67-72-1	Hexachloroethane	340000	U
621-64-7	N-Nitroso-di-n-propylamine	336000	U
106-44-5	4-Methylphenol	56600	J
98-95-3	Nitrobenzene	336000	U
78-59-1	Isophorone	336000	U
88-75-5	2-Nitrophenol	336000	U
105-67-9	2,4-Dimethylphenol	336000	U
65-85-0	Benzoic acid	1680000	U
111-91-1	Bis(2-Chloroethoxy)methane	336000	U
120-83-2	2,4-Dichlorophenol	336000	U
120-82-1	1,2,4-Trichlorobenzene	336000	U
91-20-3	Naphthalene	336000	U
106-47-8	4-Chloroaniline	336000	U
91-57-6	2-Methylnaphthalene	336000	U
87-68-3	Hexachlorobutadiene	336000	U
59-50-7	4-Chloro-3-methylphenol	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD268

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746217 Lab File ID: 462-17D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0048

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	336000	U
77-47-4	Hexachlorocyclopentadiene	841000	U
88-06-2	2,4,6-Trichlorophenol	336000	U
95-95-4	2,4,5-Trichlorophenol	336000	U
91-58-7	2-Chloronaphthalene	340000	U
88-74-4	2-Nitroaniline	336000	U
208-96-8	Acenaphthylene	336000	U
131-11-3	Dimethyl-phthalate	336000	U
606-20-2	2,6-Dinitrotoluene	336000	U
83-32-9	Acenaphthene	336000	U
99-09-2	3-Nitroaniline	336000	U
51-28-5	2,4-Dinitrophenol	1690000	U
132-64-9	Dibenzofuran	336000	U
121-14-2	2,4-Dinitrotoluene	336000	U
100-02-7	4-Nitrophenol	841000	U
86-73-7	Fluorene	336000	U
7005-72-3	4-Chlorophenyl-phenylether	336000	U
84-66-2	Diethylphthalate	336000	U
100-01-6	4-Nitroaniline	336000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1680000	U
86-30-6	N-Nitrosodiphenylamine	336000	U
101-55-3	4-Bromophenyl-phenylether	336000	U
118-74-1	Hexachlorobenzene	336000	U
87-86-5	Pentachlorophenol	1680000	U
85-01-8	Phenanthrene	336000	U
120-12-7	Anthracene	336000	U
84-74-2	Di-n-butylphthalate	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD268

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746217 Lab File ID: 462-17D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0048

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	336000	U
129-00-0	Pyrene	336000	U
92-87-5	Benzidine	844000	U
85-68-7	Butylbenzylphthalate	336000	U
91-94-1	3,3'-Dichlorobenzidine	336000	U
56-55-3	Benzo(a)anthracene	336000	U
218-01-9	Chrysene	336000	U
117-81-7	bis(2-ethylhexyl)phthalate	336000	U
117-84-0	Di-n-octylphthalate	336000	U
205-99-2	Benzo(b)fluoranthene	336000	U
207-08-9	Benzo(k)fluoranthene	336000	U
50-32-8	Benzo(a)pyrene	336000	U
193-39-5	Indeno(1,2,3-cd)pyrene	336000	U
53-70-3	Dibenz(a,h)anthracene	336000	U
191-24-2	Benzo(g,h,i)perylene	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD183

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746218 Lab File ID: 462-18D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0121

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD183

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746218 Lab File ID: 462-18D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0121

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD183

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746218 Lab File ID: 462-18D10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0121

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

QC Summary

120907 1526

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 389BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 248085 Lab File ID: 389BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/31/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0951

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 389BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 248085 Lab File ID: 389BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/31/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0951

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 389BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 248085 Lab File ID: 389BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/31/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 0951

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

390LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	40000	48000	120.0 *		30.0	48 - 115
Aniline	40000	0	0.0 *		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	46800	117.0 *		30.0	61 - 105
Phenol	40000	48000	120.0 *		23.0	46 - 100
2-Chlorophenol	40000	42100	105.0		24.0	54 - 105
1,3-Dichlorobenzene	40000	47200	118.0 *		26.0	67 - 100
1,4-Dichlorobenzene	40000	49000	122.0 *		27.0	62 - 105
1,2-Dichlorobenzene	40000	46500	116.0 *		30.0	65 - 95
Benzyl alcohol	40000	31500	78.8		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	48200	120.0 *		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	49300	123.0 *		30.0	58 - 105
Hexachloroethane	40000	43900	110.0		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	37700	94.2		28.0	59 - 115
4-Methylphenol	40000	47100	118.0 *		26.0	57 - 105
Nitrobenzene	40000	45300	113.0		27.0	71 - 115
Isophorone	40000	44200	110.0		30.0	69 - 110
2-Nitrophenol	40000	44700	112.0 *		20.0	61 - 110
2,4-Dimethylphenol	40000	48600	122.0 *		30.0	65 - 105
Benzoic acid	80000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	37700	94.2		30.0	70 - 110
2,4-Dichlorophenol	40000	40800	102.0		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	45400	114.0 *		29.0	71 - 110
Naphthalene	40000	49400	124.0 *		23.0	67 - 105
4-Chloroaniline	40000	32200	80.5		30.0	57 - 95
2-Methylnaphthalene	40000	47600	119.0 *		22.0	72 - 105
Hexachlorobutadiene	40000	42200	106.0		27.0	79 - 115
4-Chloro-3-methylphenol	40000	38300	95.8		30.0	62 - 115
1-Methylnaphthalene	40000	48700	122.0		25.0	67 - 145
Hexachlorocyclopentadiene	40000	29200	73.0		44.0	34 - 139
2,4,6-Trichlorophenol	40000	41800	104.0		30.0	62 - 110
2,4,5-Trichlorophenol	40000	41700	104.0		29.0	61 - 110
2-Chloronaphthalene	40000	46300	116.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 390LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	27200	68.0 *		23.0	71 - 120
Acenaphthylene	40000	44600	112.0 *		21.0	66 - 105
Dimethyl-phthalate	40000	43700	109.0		30.0	69 - 110
2,6-Dinitrotoluene	40000	33900	84.8		30.0	73 - 110
Acenaphthene	40000	47100	118.0 *		28.0	65 - 110
3-Nitroaniline	40000	29300	73.2 *		30.0	76 - 110
2,4-Dinitrophenol	80000	101000	126.0		30.0	29 - 130
Dibenzofuran	40000	45900	115.0 *		28.0	75 - 105
2,4-Dinitrotoluene	40000	39200	98.0		29.0	77 - 115
4-Nitrophenol	40000	24500	61.2		30.0	52 - 140
Fluorene	40000	45700	114.0 *		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	47500	119.0 *		30.0	65 - 110
Diethylphthalate	40000	42700	107.0		28.0	68 - 115
4-Nitroaniline	40000	28600	71.5		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	61700	154.0 *		28.0	34 - 135
N-Nitrosodiphenylamine	40000	49000	122.0 *		23.0	77 - 115
4-Bromophenyl-phenylether	40000	43600	109.0		30.0	59 - 115
Hexachlorobenzene	40000	39400	98.5		28.0	77 - 120
Pentachlorophenol	40000	57600	144.0 *		30.0	36 - 120
Phenanthrene	40000	45400	114.0 *		25.0	67 - 110
Anthracene	40000	44600	112.0 *		19.0	67 - 105
Di-n-butylphthalate	40000	37600	94.0		29.0	67 - 110
Fluoranthene	40000	43500	109.0		21.0	74 - 115
Pyrene	40000	47200	118.0		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	25500	63.8 *		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	56800	142.0 *		30.0	41 - 130
Benzo(a)anthracene	40000	41900	105.0		29.0	67 - 110
Chrysene	40000	47500	119.0 *		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	24800	62.0 *		30.0	65 - 125
Di-n-octylphthalate	40000	20400	51.0 *		30.0	64 - 130
Benzo(b)fluoranthene	40000	40800	102.0		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

390LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	44600	112.0		28.0	53 - 125
Benzo(a)pyrene	40000	40100	100.0		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	32600	81.5		30.0	40 - 120
Dibenz(a,h)anthracene	40000	36200	90.5		30.0	40 - 125
Benzo(g,h,i)perylene	40000	38600	96.5		23.0	41 - 125

Spike Recovery: 35 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

GC/ECD PCB ORGANICS

METHOD 8082

120907 1526

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

F. Samples:

Sample analysis proceeded normally.
Sample NPPD248, NPPD249, and NPPD250 required 1:10 dilutions due to matrix interference. Only the diluted runs are reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/12/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Method: 8082

EPA Sample No	Lab Sample ID
NPPD266	250746201
NPPD37	250746202
NPPD247	250746203
NPPD267	250746204
NPPD248	250746205
NPPD249	250746206
NPPD250	250746207
NPPD252	250746208
NPPD253	250746209
NPPD254	250746210
NPPD264	250746211
NPPD261	250746212
NPPD260	250746213
NPPD271	250746214
NPPD269	250746215
NPPD270	250746216
NPPD268	250746217
NPPD183	250746218

120907 1526

Sample Data

120907 1526

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD266

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746201 Lab File ID: 462-01.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1712

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	390	U
11096-82-5	Aroclor-1260	390	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD37

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746202 Lab File ID: 462-02.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1738

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD247

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203 Lab File ID: 462-03.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1804

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD267

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746204 Lab File ID: 462-04.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1830

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD248

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205 Lab File ID: 462-5D10.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1001

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4200	U
11096-82-5	Aroclor-1260	4200	U
11104-28-2	Aroclor-1221	4200	U
11141-16-5	Aroclor-1232	4200	U
53469-21-9	Aroclor-1242	4200	U
12672-29-6	Aroclor-1248	4200	U
11097-69-1	Aroclor-1254	4200	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD249

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746206 Lab File ID: 462-6D10.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1033

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4400	U
11096-82-5	Aroclor-1260	4400	U
11104-28-2	Aroclor-1221	4400	U
11141-16-5	Aroclor-1232	4400	U
53469-21-9	Aroclor-1242	4400	U
12672-29-6	Aroclor-1248	4400	U
11097-69-1	Aroclor-1254	4400	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD250

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746207 Lab File ID: 462-7D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1105

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4100	U
11096-82-5	Aroclor-1260	4100	U
11104-28-2	Aroclor-1221	4100	U
11141-16-5	Aroclor-1232	4100	U
53469-21-9	Aroclor-1242	4100	U
12672-29-6	Aroclor-1248	4100	U
11097-69-1	Aroclor-1254	4100	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD252

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746208 Lab File ID: 462-08.D

Sample wt/vol: 1.06 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2013

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD253

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746209 Lab File ID: 462-09.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1605

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD254

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746210 Lab File ID: 462-10.D

Sample wt/vol: 1.08 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1637

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD264

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746211 Lab File ID: 462-11.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1708

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD261

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746212 Lab File ID: 462-12.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1739

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD260

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746213 Lab File ID: 462-13.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1810

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD271

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746214 Lab File ID: 462-14.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1842

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD269

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746215 Lab File ID: 462-15.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1913

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD270

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746216 Lab File ID: 462-16.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1944

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD268

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746217 Lab File ID: 462-17.D

Sample wt/vol: 1.06 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2046

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD183

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746218 Lab File ID: 462-18.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2117

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

QC Summary

120907 1526

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 378BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 247932 Lab File ID: 378BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1620

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 378LCS

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	10100	101.0		21.0	40 - 140
Aroclor-1260	10000	9420	94.2		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1526

Form III

Inorganics

120907 1527

Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 247834BLK was analyzed with the soil samples on 09/05/07. The following analyte(s) were detected below RL: Cadmium at 0.0652 MG/KG. Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.
ICSA539878 was analyzed 09/05/07 15:24. Lead failed acceptance criteria. All associated samples were re-analyzed for Lead.
ICSAB539879 was analyzed 09/05/07 15:28. Thallium failed acceptance criteria. All associated samples were re-analyzed for Thallium.

F. Samples:

Sample analysis proceeded normally.
Sample NPPD183 required a 1:5 dilution due to matrix interference with the following analyte(s): Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gates

SIGNED: **DATE: 09/10/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 247809BLK was analyzed with the soil samples on 08/30/07. The following analyte(s) were detected below RL: Mercury at 0.0119 MG/KG. Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507462

Client: T N & Associates, Inc.

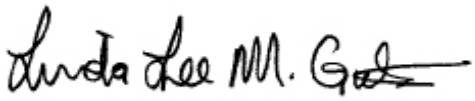
D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **08/30/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507462

SOW No.:

EPA Sample No	Lab Sample ID
NPPD266	250746201
NPPD37	250746202
NPPD37R1	250746202R1
NPPD247	250746203
NPPD267	250746204
NPPD248	250746205
NPPD249	250746206
NPPD250	250746207
NPPD252	250746208
NPPD253	250746209
NPPD254	250746210
NPPD264	250746211
NPPD261	250746212
NPPD260	250746213
NPPD271	250746214
NPPD269	250746215
NPPD270	250746216
NPPD268	250746217
NPPD183	250746218

Were ICP interelement corrections applied?	Yes/No	Yes
Were ICP background corrections applied?	Yes/No	Yes
If yes - were raw data generated before application of background corrections?	Yes/No	No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD266

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746201

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.22	B		P
7440-36-0	Antimony	47.1			P
7440-38-2	Arsenic	0.481	U		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0481	U		P
7440-70-2	Calcium	3.17	U		P
7440-47-3	Chromium	0.69			P
7440-48-4	Cobalt	0.0481	U		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	3610			P
7439-92-1	Lead	0.327	U		P
7439-95-4	Magnesium	2.88	U		P
7439-96-5	Manganese	20.2			P
7439-97-6	Mercury	0.00574	B		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	4.81	U		P
7782-49-2	Selenium	0.481	U		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	9.62	U		P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD266

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746201

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	0.815	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD37

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746202

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	0.224	U		P
7440-38-2	Arsenic	0.487	U		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0487	U		P
7440-70-2	Calcium	3.22	U		P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0487	U		P
7440-50-8	Copper	0.156	U		P
7439-89-6	Iron	7.3			P
7439-95-4	Magnesium	2.92	U		P
7439-96-5	Manganese	0.156	U		P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	2260			P
7782-49-2	Selenium	0.606	B		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	51			P
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	4.05			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD37R1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746202R1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-92-1	Lead	0.331	U		P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD247

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.01	U		P
7440-36-0	Antimony	0.304	B		P
7440-38-2	Arsenic	0.479	U		P
7440-39-3	Barium	0.153	U		P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.0503	B		P
7440-70-2	Calcium	304			P
7440-47-3	Chromium	0.153	U		P
7440-48-4	Cobalt	0.0479	U		P
7440-50-8	Copper	0.153	U		P
7439-89-6	Iron	3.23	B		P
7439-92-1	Lead	0.431	B		P
7439-95-4	Magnesium	2.87	U		P
7439-96-5	Manganese	0.153	U		P
7439-97-6	Mercury	0.00862	B		CV
7440-02-0	Nickel	0.153	U		P
7440-09-7	Potassium	4.79	U		P
7782-49-2	Selenium	0.479	U		P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	12.3	B		P
7440-28-0	Thallium	0.316	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD247

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746203

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.153	U		P
7440-66-6	Zinc	0.316	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD267

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746204

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	0.54	B		P
7440-38-2	Arsenic	0.486	U		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0486	U		P
7440-70-2	Calcium	3.21	U		P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0486	U		P
7440-50-8	Copper	0.156	U		P
7439-89-6	Iron	3.29	B		P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	2.92	U		P
7439-96-5	Manganese	0.156	U		P
7439-97-6	Mercury	0.00854	B		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	6.94	B		P
7782-49-2	Selenium	0.486	U		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	10.3	B		P
7440-28-0	Thallium	0.321	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD267

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746204

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	0.321	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD248

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	4.25	B		P
7440-36-0	Antimony	0.297	B		P
7440-38-2	Arsenic	0.486	U		P
7440-39-3	Barium	0.278	B		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.659			P
7440-70-2	Calcium	6730			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0486	U		P
7440-50-8	Copper	0.21	B		P
7439-89-6	Iron	5.65			P
7439-92-1	Lead	0.744			P
7439-95-4	Magnesium	31.4			P
7439-96-5	Manganese	1.62			P
7439-97-6	Mercury	0.0088	B		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	4.86	U		P
7782-49-2	Selenium	0.486	U		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	33.5			P
7440-28-0	Thallium	0.321	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD248

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746205

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	1.53			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD249

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746206

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.3	B		P
7440-36-0	Antimony	0.21	U		P
7440-38-2	Arsenic	0.457	U		P
7440-39-3	Barium	0.242	B		P
7440-41-7	Beryllium	0.146	U		P
7440-43-9	Cadmium	0.118	B		P
7440-70-2	Calcium	695			P
7440-47-3	Chromium	0.146	U		P
7440-48-4	Cobalt	0.0457	U		P
7440-50-8	Copper	6.37			P
7439-89-6	Iron	8.43			P
7439-92-1	Lead	0.311	U		P
7439-95-4	Magnesium	99.4			P
7439-96-5	Manganese	0.146	U		P
7439-97-6	Mercury	0.00953	B		CV
7440-02-0	Nickel	0.146	U		P
7440-09-7	Potassium	4.57	U		P
7782-49-2	Selenium	0.457	U		P
7440-22-4	Silver	0.146	U		P
7440-23-5	Sodium	11.1	B		P
7440-28-0	Thallium	0.302	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD249

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746206

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.146	U		P
7440-66-6	Zinc	31.7			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD250

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746207

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.96	U		P
7440-36-0	Antimony	0.215	U		P
7440-38-2	Arsenic	0.467	U		P
7440-39-3	Barium	0.15	U		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.0906	B		P
7440-70-2	Calcium	366			P
7440-47-3	Chromium	0.15	U		P
7440-48-4	Cobalt	0.0467	U		P
7440-50-8	Copper	1.05			P
7439-89-6	Iron	0.561	U		P
7439-92-1	Lead	0.318	U		P
7439-95-4	Magnesium	5.44	B		P
7439-96-5	Manganese	0.15	U		P
7439-97-6	Mercury	0.00997	B		CV
7440-02-0	Nickel	0.15	U		P
7440-09-7	Potassium	4.67	U		P
7782-49-2	Selenium	0.467	U		P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	9.34	U		P
7440-28-0	Thallium	0.308	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD250

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746207

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.15	U		P
7440-66-6	Zinc	8.52			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD252

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746208

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.97	U		P
7440-36-0	Antimony	73.2			P
7440-38-2	Arsenic	0.548	B		P
7440-39-3	Barium	0.15	U		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.047	U		P
7440-70-2	Calcium	22			P
7440-47-3	Chromium	0.387	B		P
7440-48-4	Cobalt	0.047	U		P
7440-50-8	Copper	0.393	B		P
7439-89-6	Iron	155			P
7439-92-1	Lead	0.32	U		P
7439-95-4	Magnesium	6.96	B		P
7439-96-5	Manganese	1.49			P
7439-97-6	Mercury	0.00885	B		CV
7440-02-0	Nickel	1.97			P
7440-09-7	Potassium	507			P
7782-49-2	Selenium	1.28			P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	3980			P
7440-28-0	Thallium	0.31	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD252

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746208

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.15	U		P
7440-66-6	Zinc	1.82			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD253

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746209

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	16.3			P
7440-38-2	Arsenic	0.481	U		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0481	U		P
7440-70-2	Calcium	57			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0481	U		P
7440-50-8	Copper	1.59			P
7439-89-6	Iron	12			P
7439-92-1	Lead	0.327	U		P
7439-95-4	Magnesium	10.9			P
7439-96-5	Manganese	0.815			P
7439-97-6	Mercury	0.00998	B		CV
7440-02-0	Nickel	0.335	B		P
7440-09-7	Potassium	415			P
7782-49-2	Selenium	0.481	U		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	1270			P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD253

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746209

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	1.28			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD254

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746210

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.96	U		P
7440-36-0	Antimony	69.8			P
7440-38-2	Arsenic	0.572	B		P
7440-39-3	Barium	0.15	U		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.0467	U		P
7440-70-2	Calcium	20.4			P
7440-47-3	Chromium	0.494			P
7440-48-4	Cobalt	0.0467	U		P
7440-50-8	Copper	1.46			P
7439-89-6	Iron	306			P
7439-92-1	Lead	0.318	U		P
7439-95-4	Magnesium	7.66	B		P
7439-96-5	Manganese	1.61			P
7439-97-6	Mercury	0.00887	B		CV
7440-02-0	Nickel	2.06			P
7440-09-7	Potassium	561			P
7782-49-2	Selenium	1.09			P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	3620			P
7440-28-0	Thallium	0.308	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD254

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746210

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.15	U		P
7440-66-6	Zinc	2.54			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD264

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746211

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.95	U		P
7440-36-0	Antimony	0.218	B		P
7440-38-2	Arsenic	0.464	U		P
7440-39-3	Barium	0.148	U		P
7440-41-7	Beryllium	0.148	U		P
7440-43-9	Cadmium	0.0464	U		P
7440-70-2	Calcium	3.06	U		P
7440-47-3	Chromium	0.148	U		P
7440-48-4	Cobalt	0.0464	U		P
7440-50-8	Copper	0.148	U		P
7439-89-6	Iron	0.771	B		P
7439-92-1	Lead	0.315	U		P
7439-95-4	Magnesium	2.78	U		P
7439-96-5	Manganese	0.148	U		P
7439-97-6	Mercury	0.0101	B		CV
7440-02-0	Nickel	0.148	U		P
7440-09-7	Potassium	5.57	B		P
7782-49-2	Selenium	0.464	U		P
7440-22-4	Silver	0.148	U		P
7440-23-5	Sodium	60.4			P
7440-28-0	Thallium	0.306	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD264

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746211

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.148	U		P
7440-66-6	Zinc	0.306	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD261

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746212

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.96	U		P
7440-36-0	Antimony	0.638	B		P
7440-38-2	Arsenic	0.466	U		P
7440-39-3	Barium	0.149	U		P
7440-41-7	Beryllium	0.149	U		P
7440-43-9	Cadmium	0.0466	U		P
7440-70-2	Calcium	4.96	B		P
7440-47-3	Chromium	0.149	U		P
7440-48-4	Cobalt	0.0466	U		P
7440-50-8	Copper	0.631			P
7439-89-6	Iron	13			P
7439-92-1	Lead	0.316	U		P
7439-95-4	Magnesium	2.79	U		P
7439-96-5	Manganese	0.149	U		P
7439-97-6	Mercury	0.00695	B		CV
7440-02-0	Nickel	0.149	U		P
7440-09-7	Potassium	70.2			P
7782-49-2	Selenium	0.466	U		P
7440-22-4	Silver	0.149	U		P
7440-23-5	Sodium	140			P
7440-28-0	Thallium	0.307	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD261

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746212

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.149	U		P
7440-66-6	Zinc	26.4			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD260

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746213

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	0.322	B		P
7440-38-2	Arsenic	0.495	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0495	U		P
7440-70-2	Calcium	3.27	U		P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0495	U		P
7440-50-8	Copper	1.29			P
7439-89-6	Iron	5.62			P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	2.97	U		P
7439-96-5	Manganese	0.158	U		P
7439-97-6	Mercury	0.0118	B		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	22.5	B		P
7782-49-2	Selenium	0.495	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	34.4			P
7440-28-0	Thallium	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD260

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746213

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	12.8			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD271

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746214

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	0.226	U		P
7440-38-2	Arsenic	0.491	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0491	U		P
7440-70-2	Calcium	10.1			P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.0491	U		P
7440-50-8	Copper	0.317	B		P
7439-89-6	Iron	3.47	B		P
7439-92-1	Lead	0.334	U		P
7439-95-4	Magnesium	7.29	B		P
7439-96-5	Manganese	0.196	B		P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	315			P
7782-49-2	Selenium	0.74	B		P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	2690			P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD271

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746214

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.202	B		P
7440-66-6	Zinc	0.413	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD269

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746215

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	10.8			P
7440-36-0	Antimony	0.477	B		P
7440-38-2	Arsenic	0.47	U		P
7440-39-3	Barium	0.178	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.047	U		P
7440-70-2	Calcium	248			P
7440-47-3	Chromium	0.15	U		P
7440-48-4	Cobalt	0.129	B		P
7440-50-8	Copper	0.323	B		P
7439-89-6	Iron	567			P
7439-92-1	Lead	0.32	U		P
7439-95-4	Magnesium	102			P
7439-96-5	Manganese	8.74			P
7439-97-6	Mercury	0.00485	B		CV
7440-02-0	Nickel	0.15	U		P
7440-09-7	Potassium	105			P
7782-49-2	Selenium	0.867	B		P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	838			P
7440-28-0	Thallium	0.31	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD269

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746215

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.15	U		P
7440-66-6	Zinc	2.2			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD270

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746216

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	42.6			P
7440-36-0	Antimony	19.3			P
7440-38-2	Arsenic	0.609	B		P
7440-39-3	Barium	1.65			P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.0468	U		P
7440-70-2	Calcium	215			P
7440-47-3	Chromium	0.647			P
7440-48-4	Cobalt	0.172	B		P
7440-50-8	Copper	7.83			P
7439-89-6	Iron	1320			P
7439-92-1	Lead	2.98			P
7439-95-4	Magnesium	36.5			P
7439-96-5	Manganese	9.16			P
7439-97-6	Mercury	0.0484			CV
7440-02-0	Nickel	0.426	B		P
7440-09-7	Potassium	135			P
7782-49-2	Selenium	0.57	B		P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	329			P
7440-28-0	Thallium	0.309	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD270

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746216

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.217	B		P
7440-66-6	Zinc	8.06			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD268

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746217

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.76	B		P
7440-36-0	Antimony	0.485	B		P
7440-38-2	Arsenic	0.495	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0495	U		P
7440-70-2	Calcium	66.4			P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0495	U		P
7440-50-8	Copper	0.238	B		P
7439-89-6	Iron	121			P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	27.4			P
7439-96-5	Manganese	1.63			P
7439-97-6	Mercury	0.00619	B		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	69.5			P
7782-49-2	Selenium	0.781	B		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	669			P
7440-28-0	Thallium	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD268

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746217

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	1.11			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD183

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746218

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	9.13	U		P
7440-36-0	Antimony	1	U		P
7440-38-2	Arsenic	3.52	B		P
7440-39-3	Barium	0.696	U		P
7440-41-7	Beryllium	0.696	U		P
7440-43-9	Cadmium	0.217	U		P
7440-70-2	Calcium	14.3	U		P
7440-47-3	Chromium	0.696	U		P
7440-48-4	Cobalt	0.217	U		P
7440-50-8	Copper	0.696	U		P
7439-89-6	Iron	2.61	U		P
7439-92-1	Lead	1.48	U		P
7439-95-4	Magnesium	13	U		P
7439-96-5	Manganese	0.696	U		P
7439-97-6	Mercury	0.00934	B		CV
7440-02-0	Nickel	0.696	U		P
7440-09-7	Potassium	499			P
7782-49-2	Selenium	2.17	U		P
7440-22-4	Silver	0.696	U		P
7440-23-5	Sodium	43.5	U		P
7440-28-0	Thallium	1.43	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD183

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Lab Sample ID: 250746218

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.696	U		P
7440-66-6	Zinc	1.43	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1527

QC Summary

120907 1527

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

247810LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.359		0.345		4.0		CV

Comments:

120907 1527

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

247836LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4620		4620		0.0		P
Antimony	20	48.2		48.5		0.6		P
Arsenic	20	46.2		46.5		0.6		P
Barium	20	136		136		0.0		P
Beryllium	20	47.5		47.6		0.2		P
Cadmium	20	45.1		45.1		0.0		P
Calcium	20	4580		4570		0.2		P
Chromium	20	47.8		47.8		0.0		P
Cobalt	20	46		45.9		0.2		P
Copper	20	48.6		48.3		0.6		P
Iron	20	4800		4820		0.4		P
Lead	20	47.4		46.8		1.3		P
Magnesium	20	4280		4270		0.2		P
Manganese	20	48.1		48.3		0.4		P
Nickel	20	46		46.1		0.2		P
Potassium	20	4580		4580		0.0		P
Selenium	20	45.6		46.7		2.4		P
Silver	20	19.1		19		0.5		P
Sodium	20	4660		4660		0.0		P
Thallium	20	45.6		46.1		1.1		P
Vanadium	20	49.7		49.7		0.0		P
Zinc	20	47.3		45.6		3.7		P

Comments:

120907 1527

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 247810LCS

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.359		80	120	119.7

120907 1527

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247810LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.345		80	120	115.0

120907 1527

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247835LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4620		80 - 120	92.4
Antimony				50	48.2		80 - 120	96.4
Arsenic				50	46.2		80 - 120	92.4
Barium				150	136		80 - 120	90.7
Beryllium				50	47.5		80 - 120	95.0
Cadmium				50	45.1		80 - 120	90.2
Calcium				5000	4580		80 - 120	91.6
Chromium				50	47.8		80 - 120	95.6
Cobalt				50	46		80 - 120	92.0
Copper				50	48.6		80 - 120	97.2
Iron				5000	4800		80 - 120	96.0
Lead				50	47.4		80 - 120	94.8
Magnesium				5000	4280		80 - 120	85.6
Manganese				50	48.1		80 - 120	96.2
Nickel				50	46		80 - 120	92.0
Potassium				5000	4580		80 - 120	91.6
Selenium				50	45.6		80 - 120	91.2
Silver				20	19.1		80 - 120	95.5
Sodium				5000	4660		80 - 120	93.2
Thallium				50	45.6		80 - 120	91.2
Vanadium				50	49.7		80 - 120	99.4
Zinc				50	47.3		80 - 120	94.6

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U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247836LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507462

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4620		80 - 120	92.4
Antimony				50	48.5		80 - 120	97.0
Arsenic				50	46.5		80 - 120	93.0
Barium				150	136		80 - 120	90.7
Beryllium				50	47.6		80 - 120	95.2
Cadmium				50	45.1		80 - 120	90.2
Calcium				5000	4570		80 - 120	91.4
Chromium				50	47.8		80 - 120	95.6
Cobalt				50	45.9		80 - 120	91.8
Copper				50	48.3		80 - 120	96.6
Iron				5000	4820		80 - 120	96.4
Lead				50	46.8		80 - 120	93.6
Magnesium				5000	4270		80 - 120	85.4
Manganese				50	48.3		80 - 120	96.6
Nickel				50	46.1		80 - 120	92.2
Potassium				5000	4580		80 - 120	91.6
Selenium				50	46.7		80 - 120	93.4
Silver				20	19		80 - 120	95.0
Sodium				5000	4660		80 - 120	93.2
Thallium				50	46.1		80 - 120	92.2
Vanadium				50	49.7		80 - 120	99.4
Zinc				50	45.6		80 - 120	91.2

120907 1527

Chain of Custody Documentation

120907 1527

Chain of Custody Record
Record/Work Request

2507462 KC

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Company: T N & Associates, Inc.

Address: 1220 Kennestone Circle, Marietta, GA

Phone: 678-355-5550 Fax: 678-355-5545

Print Names(s) / Affiliation: Lou Von Oldenburg

Sampler(s) Signature(s):

Project Name/Number: National Petroleum Packers / 2005148-1089

Project Manager: Lou Von Oldenburg

Purchase Order:

Page 1 of 4

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested: 6010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
1	NPPD266	8/27	1133		O	3		X	X	X	X	Waste	01
2	NPPD37		1130										02
3	NPPD247		1139										03
4	NPPD267		1136										04
5	NPPD248		1142										05
6	NPPD249		1145										06
7	NPPD250		1148										07
8	NPPD252		1151										08
9	NPPD253		1157										09
Shipment Method						27	← Total Number of Containers						

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/17/07	1160		8/28/7	
Additional Comments: Jars only				8/27/7			8/28/07	1030
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
6 C 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507462

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Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507462 KC

Page 2 of 4

Company: T N & Associates, Inc.	Project Name/Number: National Petroleum Packers /2005148 - 1089
Address: 1220 Kennestone Circle, Marietta, GA	Project Manager: Lou Von Oldenburg
Phone: 678-355-5550 Fax: 678-355-5545	Purchase Order:
Print Names(s) / Affiliation: Lou Von Oldenburg	Preservatives (see codes)
Sampler(s) Signature(s):	Analyses Requested

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:
REQUESTED DUE DATE
/ /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	6010	8260	8270	8082	Remarks	Lab. No.
10	NPPD254	8/27/07	1154		O	3	x	x	x	x	waste	10
11	NPPD264		1121									11
12	NPPD261		1127									12
13	NPPD260		1127									13
14	NPPD271		1115									14
15	NPPD269		1111									15
16	NPPD270		1124									16
17	NPPD268		1108									17
18	NPPD183		1100									18
Shipment Method						27	← Total Number of Containers					

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/27/07	1100			
Additional Comments: Jars only				8/27/7	1700		8/28/07	1030
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
6 C 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507462

250

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7890

0215 Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date FedEx Tracking Number 863034337890

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept/Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference

3 To

Recipient's Name Phone

Company P&L Labs

Recipient's Address Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4430 PINOSO PUNTA RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33611

0366274374

8630 3433 7890

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

[redacted]

Total Packages 1 Total Weight 62 [redacted] Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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Rev. Date 10/06•Part #158279•©1994–2006 FedEx•PRINTED IN U.S.A.•SRF

FedEx Express US Airbill

FedEx Tracking Number: 8630 3433 7857

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337857

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept/Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 220148-1087

3 To

Recipient's Name _____ Phone 813 247 20[illegible]

Company PC LABS

Recipient's Address 7400 PRADO POINT RD

Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33611

0366274374

8630 3433 7857

4a Express Package Service — Packages up to 150 lbs.

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — Packages over 150 lbs.

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 60 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

519

Rev. Date 10/08•Part #158279•©1994–2006 FedEx•PRINTED IN U.S.A.•SRF

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7905

Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date | FedEx Tracking Number 863034337905

Sender's Name TN & ASSOCIATES INC | Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR | Dept./Floor/Suite/Room

City MARIETTA | State GA | ZIP 30066-6045

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

2 Your Internal Billing Reference 2cy/165 - 519

3 To

Recipient's Name | Phone 813 247-2505

Company PEL LABS

Recipient's Address 4420 PANLOUCA POINT RD

We cannot deliver to P.O. boxes or P.O. ZIP codes. | Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City Tampa | State FL | ZIP 33619

0366274374

8630 3433 7905

4a Express Package Service — Packages up to 150 lbs.

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. | * To most locations.

4b Express Freight Service — Packages over 150 lbs.

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: | ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. | [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below. | Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages: 1 | Total Weight: 36 | Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

519

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4

28

FedEx® US Airbill

FedEx Express

FedEx Tracking Number 8630 3433 7868

0215 **Recipient's Copy**

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date FedEx Tracking Number 863034337868

Sender's Name T N & ASSOCIATES INC Phone 678 [illegible] 7590

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005 [illegible]

3 To

Recipient's Name Phone 813 247 2805

Company PEL LABS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 4030 [illegible] POINTE

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33614

0366274374

8630 3433 7868

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [x] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [x] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages	Total Weight		
1	60	[redacted]	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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6

28

FedEx. US Airbill
Express

FedEx Tracking Number 8630 3433 7880

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337880

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

RECIPIENT: PEEL HERE

2 Your Internal Billing Reference Delta - 1007

3 To

Recipient's Name _____ Phone 913 247-3805

Company PEL LABS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address 4430 [illegible] POINT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7880

Form 0215 **Recipient's Copy**

4a Express Package Service — *Packages up to 150 lbs.*

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 50 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
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28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7879

0216 **Recipient's Copy**

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337879

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005/48 - 1087

3 To

Recipient's Name _____ Phone 813 247 9805

Company PSL LABS

Recipient's Address _____

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 4520 DEMOCRACY PARK RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

.0366274374

8630 3433 7879

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 30 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507462	**Req:**	83511
Client:	TN&A	**Project:**	National Petroleum Packers
Level:	2	**Date Rec'd:**	8/28/07 10:30:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/07/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507462 **Profile Name:** Nat'l Petro. **Profile #:** 83511

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 18	7470	Mercury		BMD	082807	1200
01 - 18	7470	Mercury	N/A			→
01 - 18	6010	Metals		BMD	082807	1200
01 - 18	6010	Metals	N/A			→
01 - 18	8260	Volatile Organic Compounds		MS	8/29/07	12:00
01 - 18	8260	Volatile Organic Compounds		consum		
01 - 18	8270	GCMS semivolatile		SL	8/31/07	12:30
01 - 18	8270	GCMS semivolatile	SL		8/31/07	19:40
01 - 18	8082	PCB		GG	8/30/07	630am
01 - 18	8082	PCB	GG		8/30/07	11am

Additional:

Comments:

Addendum

120907 1527

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/28/07 10:30:00 AM

Date to be Reported: 9/18/07

Laboratory Submission Number/SDG: 2507462

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507462

Project: National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

None.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 2

Total of: 95 analyses on 23 samples (including QC) *30-Aug-07*

Report/SDG #: 2507462

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
247809BLK	247809		SQ	8/28/07 4:10:45 PM	8/28/07 4:10:45 PM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
247810LCS	247810		SQ	8/28/07 4:10:45 PM	8/28/07 4:10:45 PM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
247810LCSD	247811		SQ	8/28/07 4:10:45 PM	8/28/07 4:10:45 PM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD266MS	247812		SQ	8/27/07 11:33:00 AM	8/28/07 10:30:00 AM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD266SD	247813		SQ	8/27/07 11:33:00 AM	8/28/07 10:30:00 AM

Method		
7470	Mercury	7470

Report/SDG #: 2507462

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD266	250746201		O	8/27/07 11:33:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD37	250746202		O	8/27/07 11:30:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD247	250746203		O	8/27/07 11:39:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507462

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD267	250746204		O	8/27/07 11:36:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD248	250746205		O	8/27/07 11:42:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD249	250746206		O	8/27/07 11:45:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507462

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD250	250746207		O	8/27/07 11:48:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD252	250746208		O	8/27/07 11:51:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD253	250746209		O	8/27/07 11:57:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507462

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD254	250746210		O	8/27/07 11:54:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD264	250746211		O	8/27/07 11:21:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD261	250746212		O	8/27/07 11:27:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507462

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD260	250746213		O	8/27/07 11:27:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD271	250746214		O	8/27/07 11:15:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD269	250746215		O	8/27/07 11:11:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507462

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD270	250746216		O	8/27/07 11:24:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD268	250746217		O	8/27/07 11:08:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD183	250746218		O	8/27/07 11:00:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/28/2007 10:30:00 AM
Date Reported:	9/10/2007
Laboratory Submission Number/SDG:	2507463
Project:	National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Organics 12
METHOD 8260 GC/ MS VOLATILE ORGANICS 15
Sample Data 20
QC Summary 81
METHOD 8270 GC/ MS SEMI- VOLATILE ORGANICS 100
Sample Data 106
QC Summary 164
METHOD 8082 GC/ ECD PCB ORGANICS..... 171
Sample Data 175
QC Summary 194

Inorganics..... 197
METALS DATA PACKAGE TOTALS 200
Sample Data 206
QC Summary 248

Chain of Custody Documentation..... 255

Addendum 266

EXECUTIVE SUMMARY - Detection Highlights

2507463

SAMPLE ID: NPPD182

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Arsenic	1.7	0.938	MG/KG	SW6010B
Calcium	4.25 B	9.38	MG/KG	SW6010B
Chromium	0.566	0.469	MG/KG	SW6010B
Iron	4.19 B	4.69	MG/KG	SW6010B
Potassium	406	46.9	MG/KG	SW6010B
Selenium	1.28	0.938	MG/KG	SW6010B

SAMPLE ID: NPPD219

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.49	0.984	MG/KG	SW6010B
Arsenic	0.496 B	0.984	MG/KG	SW6010B
Calcium	7.76 B	9.84	MG/KG	SW6010B
Chromium	6.17	0.492	MG/KG	SW6010B
Cobalt	0.292 B	0.492	MG/KG	SW6010B
Copper	10.4	0.492	MG/KG	SW6010B
Iron	1050	4.92	MG/KG	SW6010B
Lead	1.18	0.669	MG/KG	SW6010B
Manganese	1.03	0.492	MG/KG	SW6010B
Nickel	3.93	0.492	MG/KG	SW6010B
Potassium	564	49.2	MG/KG	SW6010B
Selenium	2.93	0.984	MG/KG	SW6010B
Sodium	570	29.5	MG/KG	SW6010B
Zinc	23.6	0.984	MG/KG	SW6010B
2-Butanone	13100	3270	UG/KG	SW8260B
2-Hexanone	891 J	1310	UG/KG	SW8260B
4-Methyl-2-pentanone	456 J	1310	UG/KG	SW8260B
Acetone	30100	3270	UG/KG	SW8260B

SAMPLE ID: NPPD220

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.36	0.984	MG/KG	SW6010B
Arsenic	0.76 B	0.984	MG/KG	SW6010B
Calcium	6.82 B	9.84	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Chromium	6.12	0.492	MG/KG	SW6010B
Cobalt	0.326 B	0.492	MG/KG	SW6010B
Copper	10.1	0.492	MG/KG	SW6010B
Iron	968	4.92	MG/KG	SW6010B
Lead	1.46	0.669	MG/KG	SW6010B
Manganese	0.735	0.492	MG/KG	SW6010B
Nickel	3.96	0.492	MG/KG	SW6010B
Potassium	554	49.2	MG/KG	SW6010B
Selenium	2.97	0.984	MG/KG	SW6010B
Sodium	578	29.5	MG/KG	SW6010B
Zinc	26	0.984	MG/KG	SW6010B
2-Butanone	11400	2860	UG/KG	SW8260B
2-Hexanone	875 J	1140	UG/KG	SW8260B
4-Methyl-2-pentanone	435 J	1140	UG/KG	SW8260B
Acetone	24900	2860	UG/KG	SW8260B

SAMPLE ID: NPPD228

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	15.2	9.86	MG/KG	SW6010B
Iron	29.7	4.93	MG/KG	SW6010B
Selenium	2.38	0.986	MG/KG	SW6010B
Sodium	17.5 B	29.6	MG/KG	SW6010B
Zinc	8.61	0.986	MG/KG	SW6010B
2-Butanone	2390 J	2560	UG/KG	SW8260B
Acetone	3980	2560	UG/KG	SW8260B

SAMPLE ID: NPPD229

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	17.6	9.92	MG/KG	SW6010B
Iron	1.1 B	4.96	MG/KG	SW6010B
Selenium	2.42	0.992	MG/KG	SW6010B
Sodium	14.6 B	29.8	MG/KG	SW6010B
Zinc	16.7	0.992	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPPD233

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	2.5	0.945	MG/KG	SW6010B
Calcium	6.15 B	9.45	MG/KG	SW6010B
Iron	275	4.72	MG/KG	SW6010B
Magnesium	2.92 B	9.45	MG/KG	SW6010B
Manganese	0.826	0.472	MG/KG	SW6010B
Potassium	545	47.2	MG/KG	SW6010B
Sodium	3260	28.4	MG/KG	SW6010B
1,2,4-Trimethylbenzene	18000	526	UG/KG	SW8260B
1,2-Dichlorobenzene	208 J	526	UG/KG	SW8260B
1,3,5-Trimethylbenzene	4920	526	UG/KG	SW8260B
2-Butanone	5750	2630	UG/KG	SW8260B
2-Hexanone	1250	1050	UG/KG	SW8260B
4-Isopropyltoluene	310 J	526	UG/KG	SW8260B
4-Methyl-2-pentanone	954 J	1050	UG/KG	SW8260B
Acetone	15900	2630	UG/KG	SW8260B
Benzene	2520	526	UG/KG	SW8260B
Ethylbenzene	4610	526	UG/KG	SW8260B
Isopropylbenzene (Cume	573	526	UG/KG	SW8260B
MTBE	450 J	526	UG/KG	SW8260B
Naphthalene	11700	526	UG/KG	SW8260B
n-Butylbenzene	1860	526	UG/KG	SW8260B
n-Propylbenzene	2380	526	UG/KG	SW8260B
o-Xylene	8610	526	UG/KG	SW8260B
p,m-Xylene	16800	1050	UG/KG	SW8260B
sec-Butylbenzene	279 J	526	UG/KG	SW8260B
Styrene	624	526	UG/KG	SW8260B
Tetrachloroethene	1120 J	1320	UG/KG	SW8260B
Toluene	12300	526	UG/KG	SW8260B
Phenol	533000 J	1760000	UG/KG	SW8270C

SAMPLE ID: NPPD239

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	81.1	9.88	MG/KG	SW6010B
Copper	1.55	0.494	MG/KG	SW6010B
Iron	5.93	4.94	MG/KG	SW6010B
Magnesium	7.13 B	9.88	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Sodium	16.3 B	29.6	MG/KG	SW6010B
Zinc	18	0.988	MG/KG	SW6010B
Mercury	0.00365 B	0.019	MG/KG	SW7470A
1,2,4-Trimethylbenzene	5790 J	6990	UG/KG	SW8260B
1,3,5-Trimethylbenzene	2180 J	6990	UG/KG	SW8260B
Benzene	8820	6990	UG/KG	SW8260B
Ethylbenzene	4310 J	6990	UG/KG	SW8260B
n-Butylbenzene	4170 J	6990	UG/KG	SW8260B
n-Propylbenzene	1170 J	6990	UG/KG	SW8260B
o-Xylene	5650 J	6990	UG/KG	SW8260B
p,m-Xylene	18200	14000	UG/KG	SW8260B
Toluene	10700	6990	UG/KG	SW8260B
Naphthalene	856000	339000	UG/KG	SW8270C

SAMPLE ID: NPPD239DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Naphthalene	481000	69900	UG/KG	SW8260B

SAMPLE ID: NPPD240

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1,2,4-Trimethylbenzene	788 J	1150	UG/KG	SW8260B
Benzene	460 J	1150	UG/KG	SW8260B
Ethylbenzene	850 J	1150	UG/KG	SW8260B
Naphthalene	24500	1150	UG/KG	SW8260B
n-Butylbenzene	3800	1150	UG/KG	SW8260B
o-Xylene	1170	1150	UG/KG	SW8260B
p,m-Xylene	3850	2300	UG/KG	SW8260B
sec-Butylbenzene	706 J	1150	UG/KG	SW8260B
Toluene	1320	1150	UG/KG	SW8260B
Naphthalene	88900 J	345000	UG/KG	SW8270C

SAMPLE ID: NPPD241

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD

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EXECUTIVE SUMMARY - Detection Highlights

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Cadmium	0.0639 B	0.485	MG/KG	SW6010B
Calcium	218	9.71	MG/KG	SW6010B
Copper	2.28	0.485	MG/KG	SW6010B
Iron	6.98	4.85	MG/KG	SW6010B
Magnesium	4.82 B	9.71	MG/KG	SW6010B
Sodium	14.2 B	29.1	MG/KG	SW6010B
Zinc	15.1	0.971	MG/KG	SW6010B
1,2,4-Trimethylbenzene	4950 J	8000	UG/KG	SW8260B
Benzene	3770 J	8000	UG/KG	SW8260B
Ethylbenzene	7120 J	8000	UG/KG	SW8260B
Naphthalene	301000	8000	UG/KG	SW8260B
n-Butylbenzene	2480 J	8000	UG/KG	SW8260B
o-Xylene	9750	8000	UG/KG	SW8260B
p,m-Xylene	30200	16000	UG/KG	SW8260B
Toluene	4790 J	8000	UG/KG	SW8260B
Naphthalene	481000	331000	UG/KG	SW8270C

SAMPLE ID: NPPD242

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	7.55 B	9.6	MG/KG	SW6010B
Barium	0.57	0.48	MG/KG	SW6010B
Cadmium	0.307 B	0.48	MG/KG	SW6010B
Calcium	20200	9.6	MG/KG	SW6010B
Copper	0.949	0.48	MG/KG	SW6010B
Iron	11.8	4.8	MG/KG	SW6010B
Lead	2.36	0.652	MG/KG	SW6010B
Magnesium	101	9.6	MG/KG	SW6010B
Manganese	2.7	0.48	MG/KG	SW6010B
Sodium	25.4 B	28.8	MG/KG	SW6010B
Zinc	39.1	0.96	MG/KG	SW6010B
1,2,4-Trimethylbenzene	466	403	UG/KG	SW8260B
1,3,5-Trimethylbenzene	163 J	403	UG/KG	SW8260B
4-Methyl-2-pentanone	515 J	806	UG/KG	SW8260B
Acetone	2870	2020	UG/KG	SW8260B
Ethylbenzene	883	403	UG/KG	SW8260B
MTBE	3510	403	UG/KG	SW8260B
Naphthalene	2860	403	UG/KG	SW8260B
n-Butylbenzene	108 J	403	UG/KG	SW8260B
n-Propylbenzene	115 J	403	UG/KG	SW8260B
o-Xylene	2190	403	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

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p,m-Xylene	3940	806	UG/KG	SW8260B
Toluene	315 J	403	UG/KG	SW8260B

SAMPLE ID: NPPD244

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	0.673 B	4.93	MG/KG	SW6010B
Potassium	5.28 B	49.3	MG/KG	SW6010B
Sodium	70.6	29.6	MG/KG	SW6010B
1,2,4-Trimethylbenzene	1450	800	UG/KG	SW8260B
1,3,5-Trimethylbenzene	338 J	800	UG/KG	SW8260B
4-Isopropyltoluene	696 J	800	UG/KG	SW8260B
4-Methyl-2-pentanone	830 J	1600	UG/KG	SW8260B
Benzene	509 J	800	UG/KG	SW8260B
Ethylbenzene	721 J	800	UG/KG	SW8260B
n-Butylbenzene	560 J	800	UG/KG	SW8260B
n-Propylbenzene	372 J	800	UG/KG	SW8260B
o-Xylene	919	800	UG/KG	SW8260B
p,m-Xylene	1460 J	1600	UG/KG	SW8260B
Toluene	1500	800	UG/KG	SW8260B
Phenanthrene	90000 J	339000	UG/KG	SW8270C

SAMPLE ID: NPPD246

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	1.01 B	4.94	MG/KG	SW6010B
Potassium	6.85 B	49.4	MG/KG	SW6010B
Sodium	54.6	29.6	MG/KG	SW6010B
1,2,4-Trimethylbenzene	1120	847	UG/KG	SW8260B
4-Isopropyltoluene	523 J	847	UG/KG	SW8260B
4-Methyl-2-pentanone	801 J	1690	UG/KG	SW8260B
Benzene	399 J	847	UG/KG	SW8260B
Ethylbenzene	604 J	847	UG/KG	SW8260B
Naphthalene	1500	847	UG/KG	SW8260B
n-Butylbenzene	405 J	847	UG/KG	SW8260B
n-Propylbenzene	310 J	847	UG/KG	SW8260B
o-Xylene	798 J	847	UG/KG	SW8260B
p,m-Xylene	1320 J	1690	UG/KG	SW8260B
Toluene	1230	847	UG/KG	SW8260B

Phenanthrene	70700 J	358000	UG/KG	SW8270C

SAMPLE ID: NPPD251

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	78.9	0.98	MG/KG	SW6010B
Barium	0.297 B	0.49	MG/KG	SW6010B
Calcium	17.8	9.8	MG/KG	SW6010B
Chromium	0.897	0.49	MG/KG	SW6010B
Copper	0.556	0.49	MG/KG	SW6010B
Iron	11.8	4.9	MG/KG	SW6010B
Manganese	0.174 B	0.49	MG/KG	SW6010B
Nickel	0.905	0.49	MG/KG	SW6010B
Potassium	4880	49	MG/KG	SW6010B
Selenium	1.52	0.98	MG/KG	SW6010B
Sodium	13500	29.4	MG/KG	SW6010B
Zinc	0.989	0.98	MG/KG	SW6010B
1,2,4-Trichlorobenzene	557	538	UG/KG	SW8260B
1,2,4-Trimethylbenzene	607	538	UG/KG	SW8260B
1,2-Dichlorobenzene	1070	538	UG/KG	SW8260B
1,3,5-Trimethylbenzene	170 J	538	UG/KG	SW8260B
2-Butanone	2810	2690	UG/KG	SW8260B
2-Hexanone	852 J	1080	UG/KG	SW8260B
4-Isopropyltoluene	762	538	UG/KG	SW8260B
Acetone	2660 J	2690	UG/KG	SW8260B
Benzene	925	538	UG/KG	SW8260B
Chlorobenzene	312 J	538	UG/KG	SW8260B
Ethylbenzene	1110	538	UG/KG	SW8260B
Isopropylbenzene (Cume	166 J	538	UG/KG	SW8260B
Naphthalene	4290	538	UG/KG	SW8260B
n-Butylbenzene	248 J	538	UG/KG	SW8260B
n-Propylbenzene	325 J	538	UG/KG	SW8260B
o-Xylene	897	538	UG/KG	SW8260B
p,m-Xylene	1120	1080	UG/KG	SW8260B
Toluene	1630	538	UG/KG	SW8260B
4-Methylphenol	51100 J	308000	UG/KG	SW8270C
Phenanthrene	75900 J	308000	UG/KG	SW8270C

EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPPD255

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	9.76	0.994	MG/KG	SW6010B
Barium	0.18 B	0.497	MG/KG	SW6010B
Calcium	32.9	9.94	MG/KG	SW6010B
Chromium	0.171 B	0.497	MG/KG	SW6010B
Copper	1.23	0.497	MG/KG	SW6010B
Iron	153	4.97	MG/KG	SW6010B
Lead	1.3	0.676	MG/KG	SW6010B
Magnesium	8.61 B	9.94	MG/KG	SW6010B
Manganese	0.889	0.497	MG/KG	SW6010B
Nickel	0.281 B	0.497	MG/KG	SW6010B
Potassium	1050	49.7	MG/KG	SW6010B
Selenium	1.44	0.994	MG/KG	SW6010B
Sodium	3020	29.8	MG/KG	SW6010B
Zinc	5.81	0.994	MG/KG	SW6010B
1,2,4-Trimethylbenzene	2650	578	UG/KG	SW8260B
1,3,5-Trimethylbenzene	895	578	UG/KG	SW8260B
4-Isopropyltoluene	380 J	578	UG/KG	SW8260B
Naphthalene	2180	578	UG/KG	SW8260B
n-Butylbenzene	1170	578	UG/KG	SW8260B
n-Propylbenzene	230 J	578	UG/KG	SW8260B
o-Xylene	332 J	578	UG/KG	SW8260B
p,m-Xylene	390 J	1160	UG/KG	SW8260B
sec-Butylbenzene	193 J	578	UG/KG	SW8260B
4-Methylphenol	149000 J	328000	UG/KG	SW8270C

SAMPLE ID: NPPD257

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Copper	0.762	0.493	MG/KG	SW6010B
Iron	95.6	4.93	MG/KG	SW6010B
Manganese	0.595	0.493	MG/KG	SW6010B
Potassium	6.12 B	49.3	MG/KG	SW6010B
Sodium	68.6	29.6	MG/KG	SW6010B
Mercury	0.00504 B	0.0188	MG/KG	SW7470A
1,2,4-Trimethylbenzene	1370	571	UG/KG	SW8260B
1,2-Dichlorobenzene	1240	571	UG/KG	SW8260B
1,3,5-Trimethylbenzene	269 J	571	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

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2-Butanone	7410	2860	UG/KG	SW8260B
4-Isopropyltoluene	174 J	571	UG/KG	SW8260B
4-Methyl-2-pentanone	3550	1140	UG/KG	SW8260B
Benzene	2320	571	UG/KG	SW8260B
Ethylbenzene	683	571	UG/KG	SW8260B
Naphthalene	9300	571	UG/KG	SW8260B
n-Butylbenzene	246 J	571	UG/KG	SW8260B
n-Propylbenzene	216 J	571	UG/KG	SW8260B
o-Xylene	1020	571	UG/KG	SW8260B
p,m-Xylene	2120	1140	UG/KG	SW8260B
Toluene	2850	571	UG/KG	SW8260B
4-Methylphenol	56000 J	334000	UG/KG	SW8270C

SAMPLE ID: NPPD257DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Acetone	84600	14300	UG/KG	SW8260B

SAMPLE ID: NPPD259

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	3.16 B	9.82	MG/KG	SW6010B
Antimony	4.15	0.982	MG/KG	SW6010B
Calcium	23.7	9.82	MG/KG	SW6010B
Copper	9.99	0.491	MG/KG	SW6010B
Iron	15.4	4.91	MG/KG	SW6010B
Magnesium	29.8	9.82	MG/KG	SW6010B
Manganese	0.43 B	0.491	MG/KG	SW6010B
Potassium	3240	49.1	MG/KG	SW6010B
Selenium	1.33	0.982	MG/KG	SW6010B
Sodium	1950	29.5	MG/KG	SW6010B
Vanadium	0.206 B	0.491	MG/KG	SW6010B
Zinc	6.2	0.982	MG/KG	SW6010B
4-Methylphenol	79400 J	331000	UG/KG	SW8270C
Phenol	1070000 J	1650000	UG/KG	SW8270C

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SAMPLE ID: NPPD262

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Copper	0.689	0.495	MG/KG	SW6010B
Iron	7.29	4.95	MG/KG	SW6010B
Potassium	13.9 B	49.5	MG/KG	SW6010B
Sodium	25.4 B	29.7	MG/KG	SW6010B
Zinc	54.9	0.99	MG/KG	SW6010B
1,2,4-Trimethylbenzene	3220	934	UG/KG	SW8260B
1,3,5-Trimethylbenzene	1140	934	UG/KG	SW8260B
4-Isopropyltoluene	413 J	934	UG/KG	SW8260B
4-Methyl-2-pentanone	1110 J	1870	UG/KG	SW8260B
Benzene	1360	934	UG/KG	SW8260B
Ethylbenzene	1190	934	UG/KG	SW8260B
Isopropylbenzene (Cume	258 J	934	UG/KG	SW8260B
Naphthalene	2300	934	UG/KG	SW8260B
n-Butylbenzene	812 J	934	UG/KG	SW8260B
n-Propylbenzene	604 J	934	UG/KG	SW8260B
o-Xylene	1740	934	UG/KG	SW8260B
p,m-Xylene	3590	1870	UG/KG	SW8260B
sec-Butylbenzene	285 J	934	UG/KG	SW8260B
Toluene	23300	934	UG/KG	SW8260B

SAMPLE ID: NPPD273

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	28.7	9.54	MG/KG	SW6010B
Antimony	11.8	0.954	MG/KG	SW6010B
Barium	0.867	0.477	MG/KG	SW6010B
Calcium	235	9.54	MG/KG	SW6010B
Chromium	0.268 B	0.477	MG/KG	SW6010B
Cobalt	0.593	0.477	MG/KG	SW6010B
Copper	2.68	0.477	MG/KG	SW6010B
Iron	912	4.77	MG/KG	SW6010B
Lead	0.8	0.649	MG/KG	SW6010B
Magnesium	48.9	9.54	MG/KG	SW6010B
Manganese	15	0.477	MG/KG	SW6010B
Nickel	0.163 B	0.477	MG/KG	SW6010B
Potassium	141	47.7	MG/KG	SW6010B
Sodium	1220	28.6	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Zinc	6.5	0.954	MG/KG	SW6010B
2-Butanone	3740	2560	UG/KG	SW8260B
2-Hexanone	1190	1020	UG/KG	SW8260B
Acetone	15000	2560	UG/KG	SW8260B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample NPPD182 was recovered below criteria for the following surrogate(s): 1,2-Dichloroethane-d4 at 0 % with criteria of (71-124), 4-Bromofluorobenzene at 0 % with criteria of (54-126), Dibromofluoromethane at 0 % with criteria of (68-119), Toluene d8 at 0 % with criteria of (59-127). No further action was taken. All surrogates were diluted out due to the high dilution required for foaming.

Sample NPPD220 was recovered below criteria for Dibromofluoromethane at 57.6 % with criteria of (68-119). No further action was taken, since the three other surrogates met acceptance criteria. It appears that there is a matrix effect that decreases the response of DBFM, which has been noted in previous SDGs from this project.

Sample NPPD239DL1 was recovered below criteria for the following surrogate(s): 1,2-Dichloroethane-d4 at 0 % with criteria of (71-124), 4-Bromofluorobenzene at 0 % with criteria of (54-126), Dibromofluoromethane at 0 % with criteria of (68-119), Toluene d8 at 0 % with criteria of (59-127). No further action was taken. All surrogates were diluted out due to the high dilution required.

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

Sample NPPD257DL1 was recovered above criteria for 4-Bromofluorobenzene at 128 % with criteria of (54-126). No further action was taken, since the three other surrogates and the more concentrated analysis met acceptance criteria.

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 090607LCSA34 was analyzed with the soil samples on 09/06/07. The following analyte was recovered below criteria: 2,2-Dichloropropane at 68.5 % with criteria of (70-130).

LCS 090707LCSA32 was analyzed with the soil samples on 09/07/07. The following analyte was recovered above criteria: 2,2-Dichloropropane at 131 % with criteria of (70-130).

No further action was required. Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

Sample NPPD182 required a 1:10000 dilution due to extreme foaming upon the purging process.

Sample NPPD239 required a 1:500 and a 1:5000 dilution due to a high concentration of Naphthalene based on the screening process. These are the only dilutions analyzed and reported.

Sample NPPD241 required a 1:500 dilution due a high concentration of Naphthalene based on the screening process.

Sample NPPD257 required an additional 1:250 dilution due to a high concentration of Acetone. Both diluted runs are reported.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:** **09/10/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Method: 8260

EPA Sample No	Lab Sample ID
NPPD182	250746301
NPPD273	250746302
NPPD242	250746303
NPPD246	250746304
NPPD244	250746305
NPPD219	250746306
NPPD220	250746307
NPPD240	250746308
NPPD241	250746309
NPPD239	250746310
NPPD239DL1	250746310DL1
NPPD229	250746311
NPPD228	250746312
NPPD233	250746313
NPPD255	250746314
NPPD259	250746315
NPPD257	250746316
NPPD257DL1	250746316DL1
NPPD251	250746317
NPPD262	250746318

100907 1440

Sample Data

100907 1440

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD182

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746301 Lab File ID: 46301M.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0112

PercentSolids: 100 decanted : (Dilution Factor: 10000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	161000	U
74-87-3	Chloromethane	161000	U
75-01-4	Vinyl chloride	161000	U
74-83-9	Bromomethane	161000	U
75-00-3	Chloroethane	403000	U
75-69-4	Trichlorofluoromethane	161000	U
75-35-4	1,1-Dichloroethene	161000	U
107-02-8	Acrolein	2020000	U
74-88-4	Methyl iodide	161000	U
75-15-0	Carbon disulfide	161000	U
75-09-2	Methylene chloride	403000	U
156-60-5	trans-1,2-Dichloroethene	161000	U
107-13-1	Acrylonitrile	403000	U
75-34-3	1,1-Dichloroethane	161000	U
67-64-1	Acetone	806000	U
594-20-7	2,2-Dichloropropane	161000	U
156-59-2	cis-1,2-Dichloroethene	161000	U
74-97-5	Bromochloromethane	161000	U
78-93-3	2-Butanone	806000	U
67-66-3	Chloroform	161000	U
71-55-6	1,1,1-Trichloroethane	161000	U
56-23-5	Carbon tetrachloride	161000	U
563-58-6	1,1-Dichloropropene	161000	U
71-43-2	Benzene	161000	U
107-06-2	1,2-Dichloroethane	161000	U
79-01-6	Trichloroethene	161000	U
108-05-4	Vinyl acetate	322000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD182

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746301 Lab File ID: 46301M.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0112

PercentSolids: 100 decanted : (Dilution Factor: 10000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	161000	U
74-95-3	Dibromomethane	161000	U
75-27-4	Bromodichloromethane	161000	U
10061-01-5	cis-1,3-Dichloropropene	161000	U
108-10-1	4-Methyl-2-pentanone	322000	U
108-88-3	Toluene	161000	U
10061-02-6	trans-1,3-Dichloropropene	161000	U
79-00-5	1,1,2-Trichloroethane	161000	U
127-18-4	Tetrachloroethene	403000	U
142-28-9	1,3-Dichloropropane	161000	U
591-78-6	2-Hexanone	322000	U
124-48-1	Dibromochloromethane	161000	U
106-93-4	1,2-Dibromoethane(EDB)	161000	U
108-90-7	Chlorobenzene	161000	U
630-20-6	1,1,1,2-Tetrachloroethane	161000	U
100-41-4	Ethylbenzene	161000	U
511-39-00	p,m-Xylene	322000	U
95-47-6	o-Xylene	161000	U
100-42-5	Styrene	161000	U
75-25-2	Bromoform	403000	U
98-82-8	Isopropylbenzene (Cumene)	161000	U
108-86-1	Bromobenzene	161000	U
79-34-5	1,1,2,2-Tetrachloroethane	161000	U
96-18-4	1,2,3-Trichloropropane	161000	U
103-65-1	n-Propylbenzene	161000	U
95-49-8	2-Chlorotoluene	161000	U
106-43-4	4-Chlorotoluene	161000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD182

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746301 Lab File ID: 46301M.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0112

PercentSolids: 100 decanted : (Dilution Factor: 10000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	161000	U
98-06-6	tert-Butylbenzene	161000	U
95-63-6	1,2,4-Trimethylbenzene	161000	U
135-98-8	sec-Butylbenzene	161000	U
541-73-1	1,3-Dichlorobenzene	161000	U
106-46-7	1,4-Dichlorobenzene	161000	U
99-87-6	4-Isopropyltoluene	161000	U
104-51-8	n-Butylbenzene	161000	U
95-50-1	1,2-Dichlorobenzene	161000	U
96-12-8	1,2-Dibromo-3-chloropropane	806000	U
120-82-1	1,2,4-Trichlorobenzene	161000	U
87-68-3	Hexachlorobutadiene	242000	U
91-20-3	Naphthalene	161000	U
87-61-6	1,2,3-Trichlorobenzene	161000	U
1634-04-4	MTBE	161000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD273

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746302 Lab File ID: 46302M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0135

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	513	U
74-87-3	Chloromethane	513	U
75-01-4	Vinyl chloride	513	U
74-83-9	Bromomethane	513	U
75-00-3	Chloroethane	1280	U
75-69-4	Trichlorofluoromethane	513	U
75-35-4	1,1-Dichloroethene	513	U
107-02-8	Acrolein	6410	U
74-88-4	Methyl iodide	513	U
75-15-0	Carbon disulfide	513	U
75-09-2	Methylene chloride	1280	U
156-60-5	trans-1,2-Dichloroethene	513	U
107-13-1	Acrylonitrile	1280	U
75-34-3	1,1-Dichloroethane	513	U
67-64-1	Acetone	15000	
594-20-7	2,2-Dichloropropane	513	U
156-59-2	cis-1,2-Dichloroethene	513	U
74-97-5	Bromochloromethane	513	U
78-93-3	2-Butanone	3740	
67-66-3	Chloroform	513	U
71-55-6	1,1,1-Trichloroethane	513	U
56-23-5	Carbon tetrachloride	513	U
563-58-6	1,1-Dichloropropene	513	U
71-43-2	Benzene	513	U
107-06-2	1,2-Dichloroethane	513	U
79-01-6	Trichloroethene	513	U
108-05-4	Vinyl acetate	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD273

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746302 Lab File ID: 46302M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0135

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	513	U
74-95-3	Dibromomethane	513	U
75-27-4	Bromodichloromethane	513	U
10061-01-5	cis-1,3-Dichloropropene	513	U
108-10-1	4-Methyl-2-pentanone	1020	U
108-88-3	Toluene	513	U
10061-02-6	trans-1,3-Dichloropropene	513	U
79-00-5	1,1,2-Trichloroethane	513	U
127-18-4	Tetrachloroethene	1280	U
142-28-9	1,3-Dichloropropane	513	U
591-78-6	2-Hexanone	1190	
124-48-1	Dibromochloromethane	513	U
106-93-4	1,2-Dibromoethane(EDB)	513	U
108-90-7	Chlorobenzene	513	U
630-20-6	1,1,1,2-Tetrachloroethane	513	U
100-41-4	Ethylbenzene	513	U
511-39-00	p,m-Xylene	1020	U
95-47-6	o-Xylene	513	U
100-42-5	Styrene	513	U
75-25-2	Bromoform	1280	U
98-82-8	Isopropylbenzene (Cumene)	513	U
108-86-1	Bromobenzene	513	U
79-34-5	1,1,2,2-Tetrachloroethane	513	U
96-18-4	1,2,3-Trichloropropane	513	U
103-65-1	n-Propylbenzene	513	U
95-49-8	2-Chlorotoluene	513	U
106-43-4	4-Chlorotoluene	513	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD273

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746302 Lab File ID: 46302M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0135

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	513	U
98-06-6	tert-Butylbenzene	513	U
95-63-6	1,2,4-Trimethylbenzene	513	U
135-98-8	sec-Butylbenzene	513	U
541-73-1	1,3-Dichlorobenzene	513	U
106-46-7	1,4-Dichlorobenzene	513	U
99-87-6	4-Isopropyltoluene	513	U
104-51-8	n-Butylbenzene	513	U
95-50-1	1,2-Dichlorobenzene	513	U
96-12-8	1,2-Dibromo-3-chloropropane	2560	U
120-82-1	1,2,4-Trichlorobenzene	513	U
87-68-3	Hexachlorobutadiene	769	U
91-20-3	Naphthalene	513	U
87-61-6	1,2,3-Trichlorobenzene	513	U
1634-04-4	MTBE	513	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD242

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303 Lab File ID: 46303M.D

Sample wt/vol: 2.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0159

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	403	U
74-87-3	Chloromethane	403	U
75-01-4	Vinyl chloride	403	U
74-83-9	Bromomethane	403	U
75-00-3	Chloroethane	1010	U
75-69-4	Trichlorofluoromethane	403	U
75-35-4	1,1-Dichloroethene	403	U
107-02-8	Acrolein	5040	U
74-88-4	Methyl iodide	403	U
75-15-0	Carbon disulfide	403	U
75-09-2	Methylene chloride	1010	U
156-60-5	trans-1,2-Dichloroethene	403	U
107-13-1	Acrylonitrile	1010	U
75-34-3	1,1-Dichloroethane	403	U
67-64-1	Acetone	2870	
594-20-7	2,2-Dichloropropane	403	U
156-59-2	cis-1,2-Dichloroethene	403	U
74-97-5	Bromochloromethane	403	U
78-93-3	2-Butanone	2020	U
67-66-3	Chloroform	403	U
71-55-6	1,1,1-Trichloroethane	403	U
56-23-5	Carbon tetrachloride	403	U
563-58-6	1,1-Dichloropropene	403	U
71-43-2	Benzene	403	U
107-06-2	1,2-Dichloroethane	403	U
79-01-6	Trichloroethene	403	U
108-05-4	Vinyl acetate	806	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD242

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303 Lab File ID: 46303M.D

Sample wt/vol: 2.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0159

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	403	U
74-95-3	Dibromomethane	403	U
75-27-4	Bromodichloromethane	403	U
10061-01-5	cis-1,3-Dichloropropene	403	U
108-10-1	4-Methyl-2-pentanone	515	J
108-88-3	Toluene	315	J
10061-02-6	trans-1,3-Dichloropropene	403	U
79-00-5	1,1,2-Trichloroethane	403	U
127-18-4	Tetrachloroethene	1010	U
142-28-9	1,3-Dichloropropane	403	U
591-78-6	2-Hexanone	806	U
124-48-1	Dibromochloromethane	403	U
106-93-4	1,2-Dibromoethane(EDB)	403	U
108-90-7	Chlorobenzene	403	U
630-20-6	1,1,1,2-Tetrachloroethane	403	U
100-41-4	Ethylbenzene	883	
511-39-00	p,m-Xylene	3940	
95-47-6	o-Xylene	2190	
100-42-5	Styrene	403	U
75-25-2	Bromoform	1010	U
98-82-8	Isopropylbenzene (Cumene)	403	U
108-86-1	Bromobenzene	403	U
79-34-5	1,1,2,2-Tetrachloroethane	403	U
96-18-4	1,2,3-Trichloropropane	403	U
103-65-1	n-Propylbenzene	115	J
95-49-8	2-Chlorotoluene	403	U
106-43-4	4-Chlorotoluene	403	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD242

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303 Lab File ID: 46303M.D

Sample wt/vol: 2.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0159

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	163	J
98-06-6	tert-Butylbenzene	403	U
95-63-6	1,2,4-Trimethylbenzene	466	
135-98-8	sec-Butylbenzene	403	U
541-73-1	1,3-Dichlorobenzene	403	U
106-46-7	1,4-Dichlorobenzene	403	U
99-87-6	4-Isopropyltoluene	403	U
104-51-8	n-Butylbenzene	108	J
95-50-1	1,2-Dichlorobenzene	403	U
96-12-8	1,2-Dibromo-3-chloropropane	2020	U
120-82-1	1,2,4-Trichlorobenzene	403	U
87-68-3	Hexachlorobutadiene	605	U
91-20-3	Naphthalene	2860	
87-61-6	1,2,3-Trichlorobenzene	403	U
1634-04-4	MTBE	3510	

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD246

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746304 Lab File ID: 46304M.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0223

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	847	U
74-87-3	Chloromethane	847	U
75-01-4	Vinyl chloride	847	U
74-83-9	Bromomethane	847	U
75-00-3	Chloroethane	2120	U
75-69-4	Trichlorofluoromethane	847	U
75-35-4	1,1-Dichloroethene	847	U
107-02-8	Acrolein	10600	U
74-88-4	Methyl iodide	847	U
75-15-0	Carbon disulfide	847	U
75-09-2	Methylene chloride	2120	U
156-60-5	trans-1,2-Dichloroethene	847	U
107-13-1	Acrylonitrile	2120	U
75-34-3	1,1-Dichloroethane	847	U
67-64-1	Acetone	4240	U
594-20-7	2,2-Dichloropropane	847	U
156-59-2	cis-1,2-Dichloroethene	847	U
74-97-5	Bromochloromethane	847	U
78-93-3	2-Butanone	4240	U
67-66-3	Chloroform	847	U
71-55-6	1,1,1-Trichloroethane	847	U
56-23-5	Carbon tetrachloride	847	U
563-58-6	1,1-Dichloropropene	847	U
71-43-2	Benzene	399	J
107-06-2	1,2-Dichloroethane	847	U
79-01-6	Trichloroethene	847	U
108-05-4	Vinyl acetate	1690	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD246

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746304 Lab File ID: 46304M.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0223

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	847	U
74-95-3	Dibromomethane	847	U
75-27-4	Bromodichloromethane	847	U
10061-01-5	cis-1,3-Dichloropropene	847	U
108-10-1	4-Methyl-2-pentanone	801	J
108-88-3	Toluene	1230	
10061-02-6	trans-1,3-Dichloropropene	847	U
79-00-5	1,1,2-Trichloroethane	847	U
127-18-4	Tetrachloroethene	2120	U
142-28-9	1,3-Dichloropropane	847	U
591-78-6	2-Hexanone	1690	U
124-48-1	Dibromochloromethane	847	U
106-93-4	1,2-Dibromoethane(EDB)	847	U
108-90-7	Chlorobenzene	847	U
630-20-6	1,1,1,2-Tetrachloroethane	847	U
100-41-4	Ethylbenzene	604	J
511-39-00	p,m-Xylene	1320	J
95-47-6	o-Xylene	798	J
100-42-5	Styrene	847	U
75-25-2	Bromoform	2120	U
98-82-8	Isopropylbenzene (Cumene)	847	U
108-86-1	Bromobenzene	847	U
79-34-5	1,1,2,2-Tetrachloroethane	847	U
96-18-4	1,2,3-Trichloropropane	847	U
103-65-1	n-Propylbenzene	310	J
95-49-8	2-Chlorotoluene	847	U
106-43-4	4-Chlorotoluene	847	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD246

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746304 Lab File ID: 46304M.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0223

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	847	U
98-06-6	tert-Butylbenzene	847	U
95-63-6	1,2,4-Trimethylbenzene	1120	
135-98-8	sec-Butylbenzene	847	U
541-73-1	1,3-Dichlorobenzene	847	U
106-46-7	1,4-Dichlorobenzene	847	U
99-87-6	4-Isopropyltoluene	523	J
104-51-8	n-Butylbenzene	405	J
95-50-1	1,2-Dichlorobenzene	847	U
96-12-8	1,2-Dibromo-3-chloropropane	4240	U
120-82-1	1,2,4-Trichlorobenzene	847	U
87-68-3	Hexachlorobutadiene	1270	U
91-20-3	Naphthalene	1500	
87-61-6	1,2,3-Trichlorobenzene	847	U
1634-04-4	MTBE	847	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD244

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746305 Lab File ID: 46305M.D

Sample wt/vol: 1.25 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0845

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	800	U
74-87-3	Chloromethane	800	U
75-01-4	Vinyl chloride	800	U
74-83-9	Bromomethane	800	U
75-00-3	Chloroethane	2000	U
75-69-4	Trichlorofluoromethane	800	U
75-35-4	1,1-Dichloroethene	800	U
107-02-8	Acrolein	10000	U
74-88-4	Methyl iodide	800	U
75-15-0	Carbon disulfide	800	U
75-09-2	Methylene chloride	2000	U
156-60-5	trans-1,2-Dichloroethene	800	U
107-13-1	Acrylonitrile	2000	U
75-34-3	1,1-Dichloroethane	800	U
67-64-1	Acetone	4000	U
594-20-7	2,2-Dichloropropane	800	U
156-59-2	cis-1,2-Dichloroethene	800	U
74-97-5	Bromochloromethane	800	U
78-93-3	2-Butanone	4000	U
67-66-3	Chloroform	800	U
71-55-6	1,1,1-Trichloroethane	800	U
56-23-5	Carbon tetrachloride	800	U
563-58-6	1,1-Dichloropropene	800	U
71-43-2	Benzene	509	J
107-06-2	1,2-Dichloroethane	800	U
79-01-6	Trichloroethene	800	U
108-05-4	Vinyl acetate	1600	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD244

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746305 Lab File ID: 46305M.D

Sample wt/vol: 1.25 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0845

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	800	U
74-95-3	Dibromomethane	800	U
75-27-4	Bromodichloromethane	800	U
10061-01-5	cis-1,3-Dichloropropene	800	U
108-10-1	4-Methyl-2-pentanone	830	J
108-88-3	Toluene	1500	
10061-02-6	trans-1,3-Dichloropropene	800	U
79-00-5	1,1,2-Trichloroethane	800	U
127-18-4	Tetrachloroethene	2000	U
142-28-9	1,3-Dichloropropane	800	U
591-78-6	2-Hexanone	1600	U
124-48-1	Dibromochloromethane	800	U
106-93-4	1,2-Dibromoethane(EDB)	800	U
108-90-7	Chlorobenzene	800	U
630-20-6	1,1,1,2-Tetrachloroethane	800	U
100-41-4	Ethylbenzene	721	J
511-39-00	p,m-Xylene	1460	J
95-47-6	o-Xylene	919	
100-42-5	Styrene	800	U
75-25-2	Bromoform	2000	U
98-82-8	Isopropylbenzene (Cumene)	800	U
108-86-1	Bromobenzene	800	U
79-34-5	1,1,2,2-Tetrachloroethane	800	U
96-18-4	1,2,3-Trichloropropane	800	U
103-65-1	n-Propylbenzene	372	J
95-49-8	2-Chlorotoluene	800	U
106-43-4	4-Chlorotoluene	800	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD244

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746305 Lab File ID: 46305M.D

Sample wt/vol: 1.25 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0845

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	338	J
98-06-6	tert-Butylbenzene	800	U
95-63-6	1,2,4-Trimethylbenzene	1450	
135-98-8	sec-Butylbenzene	800	U
541-73-1	1,3-Dichlorobenzene	800	U
106-46-7	1,4-Dichlorobenzene	800	U
99-87-6	4-Isopropyltoluene	696	J
104-51-8	n-Butylbenzene	560	J
95-50-1	1,2-Dichlorobenzene	800	U
96-12-8	1,2-Dibromo-3-chloropropane	4000	U
120-82-1	1,2,4-Trichlorobenzene	800	U
87-68-3	Hexachlorobutadiene	1200	U
91-20-3	Naphthalene	800	U
87-61-6	1,2,3-Trichlorobenzene	800	U
1634-04-4	MTBE	800	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD219

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746306 Lab File ID: 46306M.D

Sample wt/vol: 1.53 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0909

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	654	U
74-87-3	Chloromethane	654	U
75-01-4	Vinyl chloride	654	U
74-83-9	Bromomethane	654	U
75-00-3	Chloroethane	1630	U
75-69-4	Trichlorofluoromethane	654	U
75-35-4	1,1-Dichloroethene	654	U
107-02-8	Acrolein	8170	U
74-88-4	Methyl iodide	654	U
75-15-0	Carbon disulfide	654	U
75-09-2	Methylene chloride	1630	U
156-60-5	trans-1,2-Dichloroethene	654	U
107-13-1	Acrylonitrile	1630	U
75-34-3	1,1-Dichloroethane	654	U
67-64-1	Acetone	30100	
594-20-7	2,2-Dichloropropane	654	U
156-59-2	cis-1,2-Dichloroethene	654	U
74-97-5	Bromochloromethane	654	U
78-93-3	2-Butanone	13100	
67-66-3	Chloroform	654	U
71-55-6	1,1,1-Trichloroethane	654	U
56-23-5	Carbon tetrachloride	654	U
563-58-6	1,1-Dichloropropene	654	U
71-43-2	Benzene	654	U
107-06-2	1,2-Dichloroethane	654	U
79-01-6	Trichloroethene	654	U
108-05-4	Vinyl acetate	1310	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD219

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746306 Lab File ID: 46306M.D

Sample wt/vol: 1.53 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0909

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	654	U
74-95-3	Dibromomethane	654	U
75-27-4	Bromodichloromethane	654	U
10061-01-5	cis-1,3-Dichloropropene	654	U
108-10-1	4-Methyl-2-pentanone	456	J
108-88-3	Toluene	654	U
10061-02-6	trans-1,3-Dichloropropene	654	U
79-00-5	1,1,2-Trichloroethane	654	U
127-18-4	Tetrachloroethene	1630	U
142-28-9	1,3-Dichloropropane	654	U
591-78-6	2-Hexanone	891	J
124-48-1	Dibromochloromethane	654	U
106-93-4	1,2-Dibromoethane(EDB)	654	U
108-90-7	Chlorobenzene	654	U
630-20-6	1,1,1,2-Tetrachloroethane	654	U
100-41-4	Ethylbenzene	654	U
511-39-00	p,m-Xylene	1310	U
95-47-6	o-Xylene	654	U
100-42-5	Styrene	654	U
75-25-2	Bromoform	1630	U
98-82-8	Isopropylbenzene (Cumene)	654	U
108-86-1	Bromobenzene	654	U
79-34-5	1,1,2,2-Tetrachloroethane	654	U
96-18-4	1,2,3-Trichloropropane	654	U
103-65-1	n-Propylbenzene	654	U
95-49-8	2-Chlorotoluene	654	U
106-43-4	4-Chlorotoluene	654	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD219

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746306 Lab File ID: 46306M.D

Sample wt/vol: 1.53 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0909

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	654	U
98-06-6	tert-Butylbenzene	654	U
95-63-6	1,2,4-Trimethylbenzene	654	U
135-98-8	sec-Butylbenzene	654	U
541-73-1	1,3-Dichlorobenzene	654	U
106-46-7	1,4-Dichlorobenzene	654	U
99-87-6	4-Isopropyltoluene	654	U
104-51-8	n-Butylbenzene	654	U
95-50-1	1,2-Dichlorobenzene	654	U
96-12-8	1,2-Dibromo-3-chloropropane	3270	U
120-82-1	1,2,4-Trichlorobenzene	654	U
87-68-3	Hexachlorobutadiene	980	U
91-20-3	Naphthalene	654	U
87-61-6	1,2,3-Trichlorobenzene	654	U
1634-04-4	MTBE	654	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD220

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746307 Lab File ID: 46307M.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0932

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	571	U
74-87-3	Chloromethane	571	U
75-01-4	Vinyl chloride	571	U
74-83-9	Bromomethane	571	U
75-00-3	Chloroethane	1430	U
75-69-4	Trichlorofluoromethane	571	U
75-35-4	1,1-Dichloroethene	571	U
107-02-8	Acrolein	7140	U
74-88-4	Methyl iodide	571	U
75-15-0	Carbon disulfide	571	U
75-09-2	Methylene chloride	1430	U
156-60-5	trans-1,2-Dichloroethene	571	U
107-13-1	Acrylonitrile	1430	U
75-34-3	1,1-Dichloroethane	571	U
67-64-1	Acetone	24900	
594-20-7	2,2-Dichloropropane	571	U
156-59-2	cis-1,2-Dichloroethene	571	U
74-97-5	Bromochloromethane	571	U
78-93-3	2-Butanone	11400	
67-66-3	Chloroform	571	U
71-55-6	1,1,1-Trichloroethane	571	U
56-23-5	Carbon tetrachloride	571	U
563-58-6	1,1-Dichloropropene	571	U
71-43-2	Benzene	571	U
107-06-2	1,2-Dichloroethane	571	U
79-01-6	Trichloroethene	571	U
108-05-4	Vinyl acetate	1140	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD220

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746307 Lab File ID: 46307M.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0932

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	571	U
74-95-3	Dibromomethane	571	U
75-27-4	Bromodichloromethane	571	U
10061-01-5	cis-1,3-Dichloropropene	571	U
108-10-1	4-Methyl-2-pentanone	435	J
108-88-3	Toluene	571	U
10061-02-6	trans-1,3-Dichloropropene	571	U
79-00-5	1,1,2-Trichloroethane	571	U
127-18-4	Tetrachloroethene	1430	U
142-28-9	1,3-Dichloropropane	571	U
591-78-6	2-Hexanone	875	J
124-48-1	Dibromochloromethane	571	U
106-93-4	1,2-Dibromoethane(EDB)	571	U
108-90-7	Chlorobenzene	571	U
630-20-6	1,1,1,2-Tetrachloroethane	571	U
100-41-4	Ethylbenzene	571	U
511-39-00	p,m-Xylene	1140	U
95-47-6	o-Xylene	571	U
100-42-5	Styrene	571	U
75-25-2	Bromoform	1430	U
98-82-8	Isopropylbenzene (Cumene)	571	U
108-86-1	Bromobenzene	571	U
79-34-5	1,1,2,2-Tetrachloroethane	571	U
96-18-4	1,2,3-Trichloropropane	571	U
103-65-1	n-Propylbenzene	571	U
95-49-8	2-Chlorotoluene	571	U
106-43-4	4-Chlorotoluene	571	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD220

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746307 Lab File ID: 46307M.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0932

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	571	U
98-06-6	tert-Butylbenzene	571	U
95-63-6	1,2,4-Trimethylbenzene	571	U
135-98-8	sec-Butylbenzene	571	U
541-73-1	1,3-Dichlorobenzene	571	U
106-46-7	1,4-Dichlorobenzene	571	U
99-87-6	4-Isopropyltoluene	571	U
104-51-8	n-Butylbenzene	571	U
95-50-1	1,2-Dichlorobenzene	571	U
96-12-8	1,2-Dibromo-3-chloropropane	2860	U
120-82-1	1,2,4-Trichlorobenzene	571	U
87-68-3	Hexachlorobutadiene	857	U
91-20-3	Naphthalene	571	U
87-61-6	1,2,3-Trichlorobenzene	571	U
1634-04-4	MTBE	571	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD240

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746308 Lab File ID: 46308M.D

Sample wt/vol: 0.87 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0956

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1150	U
74-87-3	Chloromethane	1150	U
75-01-4	Vinyl chloride	1150	U
74-83-9	Bromomethane	1150	U
75-00-3	Chloroethane	2870	U
75-69-4	Trichlorofluoromethane	1150	U
75-35-4	1,1-Dichloroethene	1150	U
107-02-8	Acrolein	14400	U
74-88-4	Methyl iodide	1150	U
75-15-0	Carbon disulfide	1150	U
75-09-2	Methylene chloride	2870	U
156-60-5	trans-1,2-Dichloroethene	1150	U
107-13-1	Acrylonitrile	2870	U
75-34-3	1,1-Dichloroethane	1150	U
67-64-1	Acetone	5750	U
594-20-7	2,2-Dichloropropane	1150	U
156-59-2	cis-1,2-Dichloroethene	1150	U
74-97-5	Bromochloromethane	1150	U
78-93-3	2-Butanone	5750	U
67-66-3	Chloroform	1150	U
71-55-6	1,1,1-Trichloroethane	1150	U
56-23-5	Carbon tetrachloride	1150	U
563-58-6	1,1-Dichloropropene	1150	U
71-43-2	Benzene	460	J
107-06-2	1,2-Dichloroethane	1150	U
79-01-6	Trichloroethene	1150	U
108-05-4	Vinyl acetate	2300	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD240

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746308 Lab File ID: 46308M.D

Sample wt/vol: 0.87 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0956

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1150	U
74-95-3	Dibromomethane	1150	U
75-27-4	Bromodichloromethane	1150	U
10061-01-5	cis-1,3-Dichloropropene	1150	U
108-10-1	4-Methyl-2-pentanone	2300	U
108-88-3	Toluene	1320	
10061-02-6	trans-1,3-Dichloropropene	1150	U
79-00-5	1,1,2-Trichloroethane	1150	U
127-18-4	Tetrachloroethene	2870	U
142-28-9	1,3-Dichloropropane	1150	U
591-78-6	2-Hexanone	2300	U
124-48-1	Dibromochloromethane	1150	U
106-93-4	1,2-Dibromoethane(EDB)	1150	U
108-90-7	Chlorobenzene	1150	U
630-20-6	1,1,1,2-Tetrachloroethane	1150	U
100-41-4	Ethylbenzene	850	J
511-39-00	p,m-Xylene	3850	
95-47-6	o-Xylene	1170	
100-42-5	Styrene	1150	U
75-25-2	Bromoform	2870	U
98-82-8	Isopropylbenzene (Cumene)	1150	U
108-86-1	Bromobenzene	1150	U
79-34-5	1,1,2,2-Tetrachloroethane	1150	U
96-18-4	1,2,3-Trichloropropane	1150	U
103-65-1	n-Propylbenzene	1150	U
95-49-8	2-Chlorotoluene	1150	U
106-43-4	4-Chlorotoluene	1150	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD240

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746308 Lab File ID: 46308M.D

Sample wt/vol: 0.87 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0956

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1150	U
98-06-6	tert-Butylbenzene	1150	U
95-63-6	1,2,4-Trimethylbenzene	788	J
135-98-8	sec-Butylbenzene	706	J
541-73-1	1,3-Dichlorobenzene	1150	U
106-46-7	1,4-Dichlorobenzene	1150	U
99-87-6	4-Isopropyltoluene	1150	U
104-51-8	n-Butylbenzene	3800	
95-50-1	1,2-Dichlorobenzene	1150	U
96-12-8	1,2-Dibromo-3-chloropropane	5750	U
120-82-1	1,2,4-Trichlorobenzene	1150	U
87-68-3	Hexachlorobutadiene	1720	U
91-20-3	Naphthalene	24500	
87-61-6	1,2,3-Trichlorobenzene	1150	U
1634-04-4	MTBE	1150	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD241

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746309 Lab File ID: 46309M.D

Sample wt/vol: 1.25 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1019

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	8000	U
74-87-3	Chloromethane	8000	U
75-01-4	Vinyl chloride	8000	U
74-83-9	Bromomethane	8000	U
75-00-3	Chloroethane	20000	U
75-69-4	Trichlorofluoromethane	8000	U
75-35-4	1,1-Dichloroethene	8000	U
107-02-8	Acrolein	100000	U
74-88-4	Methyl iodide	8000	U
75-15-0	Carbon disulfide	8000	U
75-09-2	Methylene chloride	20000	U
156-60-5	trans-1,2-Dichloroethene	8000	U
107-13-1	Acrylonitrile	20000	U
75-34-3	1,1-Dichloroethane	8000	U
67-64-1	Acetone	40000	U
594-20-7	2,2-Dichloropropane	8000	U
156-59-2	cis-1,2-Dichloroethene	8000	U
74-97-5	Bromochloromethane	8000	U
78-93-3	2-Butanone	40000	U
67-66-3	Chloroform	8000	U
71-55-6	1,1,1-Trichloroethane	8000	U
56-23-5	Carbon tetrachloride	8000	U
563-58-6	1,1-Dichloropropene	8000	U
71-43-2	Benzene	3770	J
107-06-2	1,2-Dichloroethane	8000	U
79-01-6	Trichloroethene	8000	U
108-05-4	Vinyl acetate	16000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD241

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746309 Lab File ID: 46309M.D

Sample wt/vol: 1.25 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1019

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	8000	U
74-95-3	Dibromomethane	8000	U
75-27-4	Bromodichloromethane	8000	U
10061-01-5	cis-1,3-Dichloropropene	8000	U
108-10-1	4-Methyl-2-pentanone	16000	U
108-88-3	Toluene	4790	J
10061-02-6	trans-1,3-Dichloropropene	8000	U
79-00-5	1,1,2-Trichloroethane	8000	U
127-18-4	Tetrachloroethene	20000	U
142-28-9	1,3-Dichloropropane	8000	U
591-78-6	2-Hexanone	16000	U
124-48-1	Dibromochloromethane	8000	U
106-93-4	1,2-Dibromoethane(EDB)	8000	U
108-90-7	Chlorobenzene	8000	U
630-20-6	1,1,1,2-Tetrachloroethane	8000	U
100-41-4	Ethylbenzene	7120	J
511-39-00	p,m-Xylene	30200	
95-47-6	o-Xylene	9750	
100-42-5	Styrene	8000	U
75-25-2	Bromoform	20000	U
98-82-8	Isopropylbenzene (Cumene)	8000	U
108-86-1	Bromobenzene	8000	U
79-34-5	1,1,2,2-Tetrachloroethane	8000	U
96-18-4	1,2,3-Trichloropropane	8000	U
103-65-1	n-Propylbenzene	8000	U
95-49-8	2-Chlorotoluene	8000	U
106-43-4	4-Chlorotoluene	8000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD241

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746309 Lab File ID: 46309M.D

Sample wt/vol: 1.25 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1019

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	8000	U
98-06-6	tert-Butylbenzene	8000	U
95-63-6	1,2,4-Trimethylbenzene	4950	J
135-98-8	sec-Butylbenzene	8000	U
541-73-1	1,3-Dichlorobenzene	8000	U
106-46-7	1,4-Dichlorobenzene	8000	U
99-87-6	4-Isopropyltoluene	8000	U
104-51-8	n-Butylbenzene	2480	J
95-50-1	1,2-Dichlorobenzene	8000	U
96-12-8	1,2-Dibromo-3-chloropropane	40000	U
120-82-1	1,2,4-Trichlorobenzene	8000	U
87-68-3	Hexachlorobutadiene	12000	U
91-20-3	Naphthalene	301000	
87-61-6	1,2,3-Trichlorobenzene	8000	U
1634-04-4	MTBE	8000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD239

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310 Lab File ID: 46310M.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1043

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	6990	U
74-87-3	Chloromethane	6990	U
75-01-4	Vinyl chloride	6990	U
74-83-9	Bromomethane	6990	U
75-00-3	Chloroethane	17500	U
75-69-4	Trichlorofluoromethane	6990	U
75-35-4	1,1-Dichloroethene	6990	U
107-02-8	Acrolein	87400	U
74-88-4	Methyl iodide	6990	U
75-15-0	Carbon disulfide	6990	U
75-09-2	Methylene chloride	17500	U
156-60-5	trans-1,2-Dichloroethene	6990	U
107-13-1	Acrylonitrile	17500	U
75-34-3	1,1-Dichloroethane	6990	U
67-64-1	Acetone	35000	U
594-20-7	2,2-Dichloropropane	6990	U
156-59-2	cis-1,2-Dichloroethene	6990	U
74-97-5	Bromochloromethane	6990	U
78-93-3	2-Butanone	35000	U
67-66-3	Chloroform	6990	U
71-55-6	1,1,1-Trichloroethane	6990	U
56-23-5	Carbon tetrachloride	6990	U
563-58-6	1,1-Dichloropropene	6990	U
71-43-2	Benzene	8820	
107-06-2	1,2-Dichloroethane	6990	U
79-01-6	Trichloroethene	6990	U
108-05-4	Vinyl acetate	14000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD239

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310 Lab File ID: 46310M.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1043

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	6990	U
74-95-3	Dibromomethane	6990	U
75-27-4	Bromodichloromethane	6990	U
10061-01-5	cis-1,3-Dichloropropene	6990	U
108-10-1	4-Methyl-2-pentanone	14000	U
108-88-3	Toluene	10700	
10061-02-6	trans-1,3-Dichloropropene	6990	U
79-00-5	1,1,2-Trichloroethane	6990	U
127-18-4	Tetrachloroethene	17500	U
142-28-9	1,3-Dichloropropane	6990	U
591-78-6	2-Hexanone	14000	U
124-48-1	Dibromochloromethane	6990	U
106-93-4	1,2-Dibromoethane(EDB)	6990	U
108-90-7	Chlorobenzene	6990	U
630-20-6	1,1,1,2-Tetrachloroethane	6990	U
100-41-4	Ethylbenzene	4310	J
511-39-00	p,m-Xylene	18200	
95-47-6	o-Xylene	5650	J
100-42-5	Styrene	6990	U
75-25-2	Bromoform	17500	U
98-82-8	Isopropylbenzene (Cumene)	6990	U
108-86-1	Bromobenzene	6990	U
79-34-5	1,1,2,2-Tetrachloroethane	6990	U
96-18-4	1,2,3-Trichloropropane	6990	U
103-65-1	n-Propylbenzene	1170	J
95-49-8	2-Chlorotoluene	6990	U
106-43-4	4-Chlorotoluene	6990	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD239

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310 Lab File ID: 46310M.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1043

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2180	J
98-06-6	tert-Butylbenzene	6990	U
95-63-6	1,2,4-Trimethylbenzene	5790	J
135-98-8	sec-Butylbenzene	6990	U
541-73-1	1,3-Dichlorobenzene	6990	U
106-46-7	1,4-Dichlorobenzene	6990	U
99-87-6	4-Isopropyltoluene	6990	U
104-51-8	n-Butylbenzene	4170	J
95-50-1	1,2-Dichlorobenzene	6990	U
96-12-8	1,2-Dibromo-3-chloropropane	35000	U
120-82-1	1,2,4-Trichlorobenzene	6990	U
87-68-3	Hexachlorobutadiene	10500	U
91-20-3	Naphthalene	519000	E
87-61-6	1,2,3-Trichlorobenzene	6990	U
1634-04-4	MTBE	6990	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD239DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310DL1 Lab File ID: 46310MD.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1909

PercentSolids: 100 decanted : (Dilution Factor: 5000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	69900	U
74-87-3	Chloromethane	69900	U
75-01-4	Vinyl chloride	69900	U
74-83-9	Bromomethane	69900	U
75-00-3	Chloroethane	175000	U
75-69-4	Trichlorofluoromethane	69900	U
75-35-4	1,1-Dichloroethene	69900	U
107-02-8	Acrolein	874000	U
74-88-4	Methyl iodide	69900	U
75-15-0	Carbon disulfide	69900	U
75-09-2	Methylene chloride	175000	U
156-60-5	trans-1,2-Dichloroethene	69900	U
107-13-1	Acrylonitrile	175000	U
75-34-3	1,1-Dichloroethane	69900	U
67-64-1	Acetone	350000	U
594-20-7	2,2-Dichloropropane	69900	U
156-59-2	cis-1,2-Dichloroethene	69900	U
74-97-5	Bromochloromethane	69900	U
78-93-3	2-Butanone	350000	U
67-66-3	Chloroform	69900	U
71-55-6	1,1,1-Trichloroethane	69900	U
56-23-5	Carbon tetrachloride	69900	U
563-58-6	1,1-Dichloropropene	69900	U
71-43-2	Benzene	69900	U
107-06-2	1,2-Dichloroethane	69900	U
79-01-6	Trichloroethene	69900	U
108-05-4	Vinyl acetate	140000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD239DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310DL1 Lab File ID: 46310MD.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1909

PercentSolids: 100 decanted : (Dilution Factor: 5000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	69900	U
74-95-3	Dibromomethane	69900	U
75-27-4	Bromodichloromethane	69900	U
10061-01-5	cis-1,3-Dichloropropene	69900	U
108-10-1	4-Methyl-2-pentanone	140000	U
108-88-3	Toluene	69900	U
10061-02-6	trans-1,3-Dichloropropene	69900	U
79-00-5	1,1,2-Trichloroethane	69900	U
127-18-4	Tetrachloroethene	175000	U
142-28-9	1,3-Dichloropropane	69900	U
591-78-6	2-Hexanone	140000	U
124-48-1	Dibromochloromethane	69900	U
106-93-4	1,2-Dibromoethane(EDB)	69900	U
108-90-7	Chlorobenzene	69900	U
630-20-6	1,1,1,2-Tetrachloroethane	69900	U
100-41-4	Ethylbenzene	69900	U
511-39-00	p,m-Xylene	140000	U
95-47-6	o-Xylene	69900	U
100-42-5	Styrene	69900	U
75-25-2	Bromoform	175000	U
98-82-8	Isopropylbenzene (Cumene)	69900	U
108-86-1	Bromobenzene	69900	U
79-34-5	1,1,2,2-Tetrachloroethane	69900	U
96-18-4	1,2,3-Trichloropropane	69900	U
103-65-1	n-Propylbenzene	69900	U
95-49-8	2-Chlorotoluene	69900	U
106-43-4	4-Chlorotoluene	69900	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD239DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310DL1 Lab File ID: 46310MD.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1909

PercentSolids: 100 decanted : (Dilution Factor: 5000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	69900	U
98-06-6	tert-Butylbenzene	69900	U
95-63-6	1,2,4-Trimethylbenzene	69900	U
135-98-8	sec-Butylbenzene	69900	U
541-73-1	1,3-Dichlorobenzene	69900	U
106-46-7	1,4-Dichlorobenzene	69900	U
99-87-6	4-Isopropyltoluene	69900	U
104-51-8	n-Butylbenzene	69900	U
95-50-1	1,2-Dichlorobenzene	69900	U
96-12-8	1,2-Dibromo-3-chloropropane	350000	U
120-82-1	1,2,4-Trichlorobenzene	69900	U
87-68-3	Hexachlorobutadiene	105000	U
91-20-3	Naphthalene	481000	
87-61-6	1,2,3-Trichlorobenzene	69900	U
1634-04-4	MTBE	69900	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD229

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746311 Lab File ID: 46311M.D

Sample wt/vol: 2.42 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1154

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	413	U
74-87-3	Chloromethane	413	U
75-01-4	Vinyl chloride	413	U
74-83-9	Bromomethane	413	U
75-00-3	Chloroethane	1030	U
75-69-4	Trichlorofluoromethane	413	U
75-35-4	1,1-Dichloroethene	413	U
107-02-8	Acrolein	5160	U
74-88-4	Methyl iodide	413	U
75-15-0	Carbon disulfide	413	U
75-09-2	Methylene chloride	1030	U
156-60-5	trans-1,2-Dichloroethene	413	U
107-13-1	Acrylonitrile	1030	U
75-34-3	1,1-Dichloroethane	413	U
67-64-1	Acetone	2070	U
594-20-7	2,2-Dichloropropane	413	U
156-59-2	cis-1,2-Dichloroethene	413	U
74-97-5	Bromochloromethane	413	U
78-93-3	2-Butanone	2070	U
67-66-3	Chloroform	413	U
71-55-6	1,1,1-Trichloroethane	413	U
56-23-5	Carbon tetrachloride	413	U
563-58-6	1,1-Dichloropropene	413	U
71-43-2	Benzene	413	U
107-06-2	1,2-Dichloroethane	413	U
79-01-6	Trichloroethene	413	U
108-05-4	Vinyl acetate	826	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD229

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746311 Lab File ID: 46311M.D

Sample wt/vol: 2.42 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1154

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	413	U
74-95-3	Dibromomethane	413	U
75-27-4	Bromodichloromethane	413	U
10061-01-5	cis-1,3-Dichloropropene	413	U
108-10-1	4-Methyl-2-pentanone	826	U
108-88-3	Toluene	413	U
10061-02-6	trans-1,3-Dichloropropene	413	U
79-00-5	1,1,2-Trichloroethane	413	U
127-18-4	Tetrachloroethene	1030	U
142-28-9	1,3-Dichloropropane	413	U
591-78-6	2-Hexanone	826	U
124-48-1	Dibromochloromethane	413	U
106-93-4	1,2-Dibromoethane(EDB)	413	U
108-90-7	Chlorobenzene	413	U
630-20-6	1,1,1,2-Tetrachloroethane	413	U
100-41-4	Ethylbenzene	413	U
511-39-00	p,m-Xylene	826	U
95-47-6	o-Xylene	413	U
100-42-5	Styrene	413	U
75-25-2	Bromoform	1030	U
98-82-8	Isopropylbenzene (Cumene)	413	U
108-86-1	Bromobenzene	413	U
79-34-5	1,1,2,2-Tetrachloroethane	413	U
96-18-4	1,2,3-Trichloropropane	413	U
103-65-1	n-Propylbenzene	413	U
95-49-8	2-Chlorotoluene	413	U
106-43-4	4-Chlorotoluene	413	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD229

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746311 Lab File ID: 46311M.D

Sample wt/vol: 2.42 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1154

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	413	U
98-06-6	tert-Butylbenzene	413	U
95-63-6	1,2,4-Trimethylbenzene	413	U
135-98-8	sec-Butylbenzene	413	U
541-73-1	1,3-Dichlorobenzene	413	U
106-46-7	1,4-Dichlorobenzene	413	U
99-87-6	4-Isopropyltoluene	413	U
104-51-8	n-Butylbenzene	413	U
95-50-1	1,2-Dichlorobenzene	413	U
96-12-8	1,2-Dibromo-3-chloropropane	2070	U
120-82-1	1,2,4-Trichlorobenzene	413	U
87-68-3	Hexachlorobutadiene	620	U
91-20-3	Naphthalene	413	U
87-61-6	1,2,3-Trichlorobenzene	413	U
1634-04-4	MTBE	413	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD228

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746312 Lab File ID: 46312M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1217

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	513	U
74-87-3	Chloromethane	513	U
75-01-4	Vinyl chloride	513	U
74-83-9	Bromomethane	513	U
75-00-3	Chloroethane	1280	U
75-69-4	Trichlorofluoromethane	513	U
75-35-4	1,1-Dichloroethene	513	U
107-02-8	Acrolein	6410	U
74-88-4	Methyl iodide	513	U
75-15-0	Carbon disulfide	513	U
75-09-2	Methylene chloride	1280	U
156-60-5	trans-1,2-Dichloroethene	513	U
107-13-1	Acrylonitrile	1280	U
75-34-3	1,1-Dichloroethane	513	U
67-64-1	Acetone	3980	
594-20-7	2,2-Dichloropropane	513	U
156-59-2	cis-1,2-Dichloroethene	513	U
74-97-5	Bromochloromethane	513	U
78-93-3	2-Butanone	2390	J
67-66-3	Chloroform	513	U
71-55-6	1,1,1-Trichloroethane	513	U
56-23-5	Carbon tetrachloride	513	U
563-58-6	1,1-Dichloropropene	513	U
71-43-2	Benzene	513	U
107-06-2	1,2-Dichloroethane	513	U
79-01-6	Trichloroethene	513	U
108-05-4	Vinyl acetate	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD228

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746312 Lab File ID: 46312M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1217

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	513	U
74-95-3	Dibromomethane	513	U
75-27-4	Bromodichloromethane	513	U
10061-01-5	cis-1,3-Dichloropropene	513	U
108-10-1	4-Methyl-2-pentanone	1020	U
108-88-3	Toluene	513	U
10061-02-6	trans-1,3-Dichloropropene	513	U
79-00-5	1,1,2-Trichloroethane	513	U
127-18-4	Tetrachloroethene	1280	U
142-28-9	1,3-Dichloropropane	513	U
591-78-6	2-Hexanone	1020	U
124-48-1	Dibromochloromethane	513	U
106-93-4	1,2-Dibromoethane(EDB)	513	U
108-90-7	Chlorobenzene	513	U
630-20-6	1,1,1,2-Tetrachloroethane	513	U
100-41-4	Ethylbenzene	513	U
511-39-00	p,m-Xylene	1020	U
95-47-6	o-Xylene	513	U
100-42-5	Styrene	513	U
75-25-2	Bromoform	1280	U
98-82-8	Isopropylbenzene (Cumene)	513	U
108-86-1	Bromobenzene	513	U
79-34-5	1,1,2,2-Tetrachloroethane	513	U
96-18-4	1,2,3-Trichloropropane	513	U
103-65-1	n-Propylbenzene	513	U
95-49-8	2-Chlorotoluene	513	U
106-43-4	4-Chlorotoluene	513	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD228

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746312 Lab File ID: 46312M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1217

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	513	U
98-06-6	tert-Butylbenzene	513	U
95-63-6	1,2,4-Trimethylbenzene	513	U
135-98-8	sec-Butylbenzene	513	U
541-73-1	1,3-Dichlorobenzene	513	U
106-46-7	1,4-Dichlorobenzene	513	U
99-87-6	4-Isopropyltoluene	513	U
104-51-8	n-Butylbenzene	513	U
95-50-1	1,2-Dichlorobenzene	513	U
96-12-8	1,2-Dibromo-3-chloropropane	2560	U
120-82-1	1,2,4-Trichlorobenzene	513	U
87-68-3	Hexachlorobutadiene	769	U
91-20-3	Naphthalene	513	U
87-61-6	1,2,3-Trichlorobenzene	513	U
1634-04-4	MTBE	513	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD233

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746313 Lab File ID: 46313M.D

Sample wt/vol: 1.9 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1241

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	526	U
74-87-3	Chloromethane	526	U
75-01-4	Vinyl chloride	526	U
74-83-9	Bromomethane	526	U
75-00-3	Chloroethane	1320	U
75-69-4	Trichlorofluoromethane	526	U
75-35-4	1,1-Dichloroethene	526	U
107-02-8	Acrolein	6580	U
74-88-4	Methyl iodide	526	U
75-15-0	Carbon disulfide	526	U
75-09-2	Methylene chloride	1320	U
156-60-5	trans-1,2-Dichloroethene	526	U
107-13-1	Acrylonitrile	1320	U
75-34-3	1,1-Dichloroethane	526	U
67-64-1	Acetone	15900	
594-20-7	2,2-Dichloropropane	526	U
156-59-2	cis-1,2-Dichloroethene	526	U
74-97-5	Bromochloromethane	526	U
78-93-3	2-Butanone	5750	
67-66-3	Chloroform	526	U
71-55-6	1,1,1-Trichloroethane	526	U
56-23-5	Carbon tetrachloride	526	U
563-58-6	1,1-Dichloropropene	526	U
71-43-2	Benzene	2520	
107-06-2	1,2-Dichloroethane	526	U
79-01-6	Trichloroethene	526	U
108-05-4	Vinyl acetate	1050	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD233

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746313 Lab File ID: 46313M.D

Sample wt/vol: 1.9 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1241

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	526	U
74-95-3	Dibromomethane	526	U
75-27-4	Bromodichloromethane	526	U
10061-01-5	cis-1,3-Dichloropropene	526	U
108-10-1	4-Methyl-2-pentanone	954	J
108-88-3	Toluene	12300	
10061-02-6	trans-1,3-Dichloropropene	526	U
79-00-5	1,1,2-Trichloroethane	526	U
127-18-4	Tetrachloroethene	1120	J
142-28-9	1,3-Dichloropropane	526	U
591-78-6	2-Hexanone	1250	
124-48-1	Dibromochloromethane	526	U
106-93-4	1,2-Dibromoethane(EDB)	526	U
108-90-7	Chlorobenzene	526	U
630-20-6	1,1,1,2-Tetrachloroethane	526	U
100-41-4	Ethylbenzene	4610	
511-39-00	p,m-Xylene	16800	
95-47-6	o-Xylene	8610	
100-42-5	Styrene	624	
75-25-2	Bromoform	1320	U
98-82-8	Isopropylbenzene (Cumene)	573	
108-86-1	Bromobenzene	526	U
79-34-5	1,1,2,2-Tetrachloroethane	526	U
96-18-4	1,2,3-Trichloropropane	526	U
103-65-1	n-Propylbenzene	2380	
95-49-8	2-Chlorotoluene	526	U
106-43-4	4-Chlorotoluene	526	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD233

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746313 Lab File ID: 46313M.D

Sample wt/vol: 1.9 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1241

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	4920	
98-06-6	tert-Butylbenzene	526	U
95-63-6	1,2,4-Trimethylbenzene	18000	
135-98-8	sec-Butylbenzene	279	J
541-73-1	1,3-Dichlorobenzene	526	U
106-46-7	1,4-Dichlorobenzene	526	U
99-87-6	4-Isopropyltoluene	310	J
104-51-8	n-Butylbenzene	1860	
95-50-1	1,2-Dichlorobenzene	208	J
96-12-8	1,2-Dibromo-3-chloropropane	2630	U
120-82-1	1,2,4-Trichlorobenzene	526	U
87-68-3	Hexachlorobutadiene	789	U
91-20-3	Naphthalene	11700	
87-61-6	1,2,3-Trichlorobenzene	526	U
1634-04-4	MTBE	450	J

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD255

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746314 Lab File ID: 46314M.D

Sample wt/vol: 1.73 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1304

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	578	U
74-87-3	Chloromethane	578	U
75-01-4	Vinyl chloride	578	U
74-83-9	Bromomethane	578	U
75-00-3	Chloroethane	1440	U
75-69-4	Trichlorofluoromethane	578	U
75-35-4	1,1-Dichloroethene	578	U
107-02-8	Acrolein	7220	U
74-88-4	Methyl iodide	578	U
75-15-0	Carbon disulfide	578	U
75-09-2	Methylene chloride	1440	U
156-60-5	trans-1,2-Dichloroethene	578	U
107-13-1	Acrylonitrile	1440	U
75-34-3	1,1-Dichloroethane	578	U
67-64-1	Acetone	2890	U
594-20-7	2,2-Dichloropropane	578	U
156-59-2	cis-1,2-Dichloroethene	578	U
74-97-5	Bromochloromethane	578	U
78-93-3	2-Butanone	2890	U
67-66-3	Chloroform	578	U
71-55-6	1,1,1-Trichloroethane	578	U
56-23-5	Carbon tetrachloride	578	U
563-58-6	1,1-Dichloropropene	578	U
71-43-2	Benzene	578	U
107-06-2	1,2-Dichloroethane	578	U
79-01-6	Trichloroethene	578	U
108-05-4	Vinyl acetate	1160	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD255

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746314 Lab File ID: 46314M.D

Sample wt/vol: 1.73 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1304

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	578	U
74-95-3	Dibromomethane	578	U
75-27-4	Bromodichloromethane	578	U
10061-01-5	cis-1,3-Dichloropropene	578	U
108-10-1	4-Methyl-2-pentanone	1160	U
108-88-3	Toluene	578	U
10061-02-6	trans-1,3-Dichloropropene	578	U
79-00-5	1,1,2-Trichloroethane	578	U
127-18-4	Tetrachloroethene	1440	U
142-28-9	1,3-Dichloropropane	578	U
591-78-6	2-Hexanone	1160	U
124-48-1	Dibromochloromethane	578	U
106-93-4	1,2-Dibromoethane(EDB)	578	U
108-90-7	Chlorobenzene	578	U
630-20-6	1,1,1,2-Tetrachloroethane	578	U
100-41-4	Ethylbenzene	578	U
511-39-00	p,m-Xylene	390	J
95-47-6	o-Xylene	332	J
100-42-5	Styrene	578	U
75-25-2	Bromoform	1440	U
98-82-8	Isopropylbenzene (Cumene)	578	U
108-86-1	Bromobenzene	578	U
79-34-5	1,1,2,2-Tetrachloroethane	578	U
96-18-4	1,2,3-Trichloropropane	578	U
103-65-1	n-Propylbenzene	230	J
95-49-8	2-Chlorotoluene	578	U
106-43-4	4-Chlorotoluene	578	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD255

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746314 Lab File ID: 46314M.D

Sample wt/vol: 1.73 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1304

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	895	
98-06-6	tert-Butylbenzene	578	U
95-63-6	1,2,4-Trimethylbenzene	2650	
135-98-8	sec-Butylbenzene	193	J
541-73-1	1,3-Dichlorobenzene	578	U
106-46-7	1,4-Dichlorobenzene	578	U
99-87-6	4-Isopropyltoluene	380	J
104-51-8	n-Butylbenzene	1170	
95-50-1	1,2-Dichlorobenzene	578	U
96-12-8	1,2-Dibromo-3-chloropropane	2890	U
120-82-1	1,2,4-Trichlorobenzene	578	U
87-68-3	Hexachlorobutadiene	867	U
91-20-3	Naphthalene	2180	
87-61-6	1,2,3-Trichlorobenzene	578	U
1634-04-4	MTBE	578	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD259

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746315 Lab File ID: 46315M.D

Sample wt/vol: 1.97 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1330

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	508	U
74-87-3	Chloromethane	508	U
75-01-4	Vinyl chloride	508	U
74-83-9	Bromomethane	508	U
75-00-3	Chloroethane	1270	U
75-69-4	Trichlorofluoromethane	508	U
75-35-4	1,1-Dichloroethene	508	U
107-02-8	Acrolein	6340	U
74-88-4	Methyl iodide	508	U
75-15-0	Carbon disulfide	508	U
75-09-2	Methylene chloride	1270	U
156-60-5	trans-1,2-Dichloroethene	508	U
107-13-1	Acrylonitrile	1270	U
75-34-3	1,1-Dichloroethane	508	U
67-64-1	Acetone	2540	U
594-20-7	2,2-Dichloropropane	508	U
156-59-2	cis-1,2-Dichloroethene	508	U
74-97-5	Bromochloromethane	508	U
78-93-3	2-Butanone	2540	U
67-66-3	Chloroform	508	U
71-55-6	1,1,1-Trichloroethane	508	U
56-23-5	Carbon tetrachloride	508	U
563-58-6	1,1-Dichloropropene	508	U
71-43-2	Benzene	508	U
107-06-2	1,2-Dichloroethane	508	U
79-01-6	Trichloroethene	508	U
108-05-4	Vinyl acetate	1020	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD259

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746315 Lab File ID: 46315M.D

Sample wt/vol: 1.97 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1330

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	508	U
74-95-3	Dibromomethane	508	U
75-27-4	Bromodichloromethane	508	U
10061-01-5	cis-1,3-Dichloropropene	508	U
108-10-1	4-Methyl-2-pentanone	1020	U
108-88-3	Toluene	508	U
10061-02-6	trans-1,3-Dichloropropene	508	U
79-00-5	1,1,2-Trichloroethane	508	U
127-18-4	Tetrachloroethene	1270	U
142-28-9	1,3-Dichloropropane	508	U
591-78-6	2-Hexanone	1020	U
124-48-1	Dibromochloromethane	508	U
106-93-4	1,2-Dibromoethane(EDB)	508	U
108-90-7	Chlorobenzene	508	U
630-20-6	1,1,1,2-Tetrachloroethane	508	U
100-41-4	Ethylbenzene	508	U
511-39-00	p,m-Xylene	1020	U
95-47-6	o-Xylene	508	U
100-42-5	Styrene	508	U
75-25-2	Bromoform	1270	U
98-82-8	Isopropylbenzene (Cumene)	508	U
108-86-1	Bromobenzene	508	U
79-34-5	1,1,2,2-Tetrachloroethane	508	U
96-18-4	1,2,3-Trichloropropane	508	U
103-65-1	n-Propylbenzene	508	U
95-49-8	2-Chlorotoluene	508	U
106-43-4	4-Chlorotoluene	508	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD259

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746315 Lab File ID: 46315M.D

Sample wt/vol: 1.97 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1330

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	508	U
98-06-6	tert-Butylbenzene	508	U
95-63-6	1,2,4-Trimethylbenzene	508	U
135-98-8	sec-Butylbenzene	508	U
541-73-1	1,3-Dichlorobenzene	508	U
106-46-7	1,4-Dichlorobenzene	508	U
99-87-6	4-Isopropyltoluene	508	U
104-51-8	n-Butylbenzene	508	U
95-50-1	1,2-Dichlorobenzene	508	U
96-12-8	1,2-Dibromo-3-chloropropane	2540	U
120-82-1	1,2,4-Trichlorobenzene	508	U
87-68-3	Hexachlorobutadiene	761	U
91-20-3	Naphthalene	508	U
87-61-6	1,2,3-Trichlorobenzene	508	U
1634-04-4	MTBE	508	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD257

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316 Lab File ID: 46316M.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1354

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	571	U
74-87-3	Chloromethane	571	U
75-01-4	Vinyl chloride	571	U
74-83-9	Bromomethane	571	U
75-00-3	Chloroethane	1430	U
75-69-4	Trichlorofluoromethane	571	U
75-35-4	1,1-Dichloroethene	571	U
107-02-8	Acrolein	7140	U
74-88-4	Methyl iodide	571	U
75-15-0	Carbon disulfide	571	U
75-09-2	Methylene chloride	1430	U
156-60-5	trans-1,2-Dichloroethene	571	U
107-13-1	Acrylonitrile	1430	U
75-34-3	1,1-Dichloroethane	571	U
67-64-1	Acetone	80300	E
594-20-7	2,2-Dichloropropane	571	U
156-59-2	cis-1,2-Dichloroethene	571	U
74-97-5	Bromochloromethane	571	U
78-93-3	2-Butanone	7410	
67-66-3	Chloroform	571	U
71-55-6	1,1,1-Trichloroethane	571	U
56-23-5	Carbon tetrachloride	571	U
563-58-6	1,1-Dichloropropene	571	U
71-43-2	Benzene	2320	
107-06-2	1,2-Dichloroethane	571	U
79-01-6	Trichloroethene	571	U
108-05-4	Vinyl acetate	1140	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD257

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316 Lab File ID: 46316M.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1354

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	571	U
74-95-3	Dibromomethane	571	U
75-27-4	Bromodichloromethane	571	U
10061-01-5	cis-1,3-Dichloropropene	571	U
108-10-1	4-Methyl-2-pentanone	3550	
108-88-3	Toluene	2850	
10061-02-6	trans-1,3-Dichloropropene	571	U
79-00-5	1,1,2-Trichloroethane	571	U
127-18-4	Tetrachloroethene	1430	U
142-28-9	1,3-Dichloropropane	571	U
591-78-6	2-Hexanone	1140	U
124-48-1	Dibromochloromethane	571	U
106-93-4	1,2-Dibromoethane(EDB)	571	U
108-90-7	Chlorobenzene	571	U
630-20-6	1,1,1,2-Tetrachloroethane	571	U
100-41-4	Ethylbenzene	683	
511-39-00	p,m-Xylene	2120	
95-47-6	o-Xylene	1020	
100-42-5	Styrene	571	U
75-25-2	Bromoform	1430	U
98-82-8	Isopropylbenzene (Cumene)	571	U
108-86-1	Bromobenzene	571	U
79-34-5	1,1,2,2-Tetrachloroethane	571	U
96-18-4	1,2,3-Trichloropropane	571	U
103-65-1	n-Propylbenzene	216	J
95-49-8	2-Chlorotoluene	571	U
106-43-4	4-Chlorotoluene	571	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD257

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316 Lab File ID: 46316M.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1354

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	269	J
98-06-6	tert-Butylbenzene	571	U
95-63-6	1,2,4-Trimethylbenzene	1370	
135-98-8	sec-Butylbenzene	571	U
541-73-1	1,3-Dichlorobenzene	571	U
106-46-7	1,4-Dichlorobenzene	571	U
99-87-6	4-Isopropyltoluene	174	J
104-51-8	n-Butylbenzene	246	J
95-50-1	1,2-Dichlorobenzene	1240	
96-12-8	1,2-Dibromo-3-chloropropane	2860	U
120-82-1	1,2,4-Trichlorobenzene	571	U
87-68-3	Hexachlorobutadiene	857	U
91-20-3	Naphthalene	9300	
87-61-6	1,2,3-Trichlorobenzene	571	U
1634-04-4	MTBE	571	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD257DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316DL1 Lab File ID: 46316MD.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1932

PercentSolids: 100 decanted : (Dilution Factor: 250

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2860	U
74-87-3	Chloromethane	2860	U
75-01-4	Vinyl chloride	2860	U
74-83-9	Bromomethane	2860	U
75-00-3	Chloroethane	7140	U
75-69-4	Trichlorofluoromethane	2860	U
75-35-4	1,1-Dichloroethene	2860	U
107-02-8	Acrolein	35700	U
74-88-4	Methyl iodide	2860	U
75-15-0	Carbon disulfide	2860	U
75-09-2	Methylene chloride	7140	U
156-60-5	trans-1,2-Dichloroethene	2860	U
107-13-1	Acrylonitrile	7140	U
75-34-3	1,1-Dichloroethane	2860	U
67-64-1	Acetone	84600	
594-20-7	2,2-Dichloropropane	2860	U
156-59-2	cis-1,2-Dichloroethene	2860	U
74-97-5	Bromochloromethane	2860	U
78-93-3	2-Butanone	8860	J
67-66-3	Chloroform	2860	U
71-55-6	1,1,1-Trichloroethane	2860	U
56-23-5	Carbon tetrachloride	2860	U
563-58-6	1,1-Dichloropropene	2860	U
71-43-2	Benzene	3240	
107-06-2	1,2-Dichloroethane	2860	U
79-01-6	Trichloroethene	2860	U
108-05-4	Vinyl acetate	5710	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD257DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316DL1 Lab File ID: 46316MD.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1932

PercentSolids: 100 decanted : (Dilution Factor: 250

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2860	U
74-95-3	Dibromomethane	2860	U
75-27-4	Bromodichloromethane	2860	U
10061-01-5	cis-1,3-Dichloropropene	2860	U
108-10-1	4-Methyl-2-pentanone	3200	J
108-88-3	Toluene	3880	
10061-02-6	trans-1,3-Dichloropropene	2860	U
79-00-5	1,1,2-Trichloroethane	2860	U
127-18-4	Tetrachloroethene	7140	U
142-28-9	1,3-Dichloropropane	2860	U
591-78-6	2-Hexanone	6690	
124-48-1	Dibromochloromethane	2860	U
106-93-4	1,2-Dibromoethane(EDB)	2860	U
108-90-7	Chlorobenzene	2860	U
630-20-6	1,1,1,2-Tetrachloroethane	2860	U
100-41-4	Ethylbenzene	965	J
511-39-00	p,m-Xylene	2890	J
95-47-6	o-Xylene	1340	J
100-42-5	Styrene	2860	U
75-25-2	Bromoform	7140	U
98-82-8	Isopropylbenzene (Cumene)	2860	U
108-86-1	Bromobenzene	2860	U
79-34-5	1,1,2,2-Tetrachloroethane	2860	U
96-18-4	1,2,3-Trichloropropane	2860	U
103-65-1	n-Propylbenzene	2860	U
95-49-8	2-Chlorotoluene	2860	U
106-43-4	4-Chlorotoluene	2860	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD257DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316DL1 Lab File ID: 46316MD.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1932

PercentSolids: 100 decanted : (Dilution Factor: 250

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2860	U
98-06-6	tert-Butylbenzene	2860	U
95-63-6	1,2,4-Trimethylbenzene	1820	J
135-98-8	sec-Butylbenzene	2860	U
541-73-1	1,3-Dichlorobenzene	2860	U
106-46-7	1,4-Dichlorobenzene	2860	U
99-87-6	4-Isopropyltoluene	2860	U
104-51-8	n-Butylbenzene	2860	U
95-50-1	1,2-Dichlorobenzene	1710	J
96-12-8	1,2-Dibromo-3-chloropropane	14300	U
120-82-1	1,2,4-Trichlorobenzene	2860	U
87-68-3	Hexachlorobutadiene	4280	U
91-20-3	Naphthalene	13300	
87-61-6	1,2,3-Trichlorobenzene	2860	U
1634-04-4	MTBE	2860	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD251

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746317 Lab File ID: 46317M.D

Sample wt/vol: 1.86 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1419

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	538	U
74-87-3	Chloromethane	538	U
75-01-4	Vinyl chloride	538	U
74-83-9	Bromomethane	538	U
75-00-3	Chloroethane	1340	U
75-69-4	Trichlorofluoromethane	538	U
75-35-4	1,1-Dichloroethene	538	U
107-02-8	Acrolein	6720	U
74-88-4	Methyl iodide	538	U
75-15-0	Carbon disulfide	538	U
75-09-2	Methylene chloride	1340	U
156-60-5	trans-1,2-Dichloroethene	538	U
107-13-1	Acrylonitrile	1340	U
75-34-3	1,1-Dichloroethane	538	U
67-64-1	Acetone	2660	J
594-20-7	2,2-Dichloropropane	538	U
156-59-2	cis-1,2-Dichloroethene	538	U
74-97-5	Bromochloromethane	538	U
78-93-3	2-Butanone	2810	
67-66-3	Chloroform	538	U
71-55-6	1,1,1-Trichloroethane	538	U
56-23-5	Carbon tetrachloride	538	U
563-58-6	1,1-Dichloropropene	538	U
71-43-2	Benzene	925	
107-06-2	1,2-Dichloroethane	538	U
79-01-6	Trichloroethene	538	U
108-05-4	Vinyl acetate	1080	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD251

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746317 Lab File ID: 46317M.D

Sample wt/vol: 1.86 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1419

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	538	U
74-95-3	Dibromomethane	538	U
75-27-4	Bromodichloromethane	538	U
10061-01-5	cis-1,3-Dichloropropene	538	U
108-10-1	4-Methyl-2-pentanone	1080	U
108-88-3	Toluene	1630	
10061-02-6	trans-1,3-Dichloropropene	538	U
79-00-5	1,1,2-Trichloroethane	538	U
127-18-4	Tetrachloroethene	1340	U
142-28-9	1,3-Dichloropropane	538	U
591-78-6	2-Hexanone	852	J
124-48-1	Dibromochloromethane	538	U
106-93-4	1,2-Dibromoethane(EDB)	538	U
108-90-7	Chlorobenzene	312	J
630-20-6	1,1,1,2-Tetrachloroethane	538	U
100-41-4	Ethylbenzene	1110	
511-39-00	p,m-Xylene	1120	
95-47-6	o-Xylene	897	
100-42-5	Styrene	538	U
75-25-2	Bromoform	1340	U
98-82-8	Isopropylbenzene (Cumene)	166	J
108-86-1	Bromobenzene	538	U
79-34-5	1,1,2,2-Tetrachloroethane	538	U
96-18-4	1,2,3-Trichloropropane	538	U
103-65-1	n-Propylbenzene	325	J
95-49-8	2-Chlorotoluene	538	U
106-43-4	4-Chlorotoluene	538	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD251

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746317 Lab File ID: 46317M.D

Sample wt/vol: 1.86 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1419

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	170	J
98-06-6	tert-Butylbenzene	538	U
95-63-6	1,2,4-Trimethylbenzene	607	
135-98-8	sec-Butylbenzene	538	U
541-73-1	1,3-Dichlorobenzene	538	U
106-46-7	1,4-Dichlorobenzene	538	U
99-87-6	4-Isopropyltoluene	762	
104-51-8	n-Butylbenzene	248	J
95-50-1	1,2-Dichlorobenzene	1070	
96-12-8	1,2-Dibromo-3-chloropropane	2690	U
120-82-1	1,2,4-Trichlorobenzene	557	
87-68-3	Hexachlorobutadiene	806	U
91-20-3	Naphthalene	4290	
87-61-6	1,2,3-Trichlorobenzene	538	U
1634-04-4	MTBE	538	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD262

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746318 Lab File ID: 46318M.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1442

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	934	U
74-87-3	Chloromethane	934	U
75-01-4	Vinyl chloride	934	U
74-83-9	Bromomethane	934	U
75-00-3	Chloroethane	2340	U
75-69-4	Trichlorofluoromethane	934	U
75-35-4	1,1-Dichloroethene	934	U
107-02-8	Acrolein	11700	U
74-88-4	Methyl iodide	934	U
75-15-0	Carbon disulfide	934	U
75-09-2	Methylene chloride	2340	U
156-60-5	trans-1,2-Dichloroethene	934	U
107-13-1	Acrylonitrile	2340	U
75-34-3	1,1-Dichloroethane	934	U
67-64-1	Acetone	4670	U
594-20-7	2,2-Dichloropropane	934	U
156-59-2	cis-1,2-Dichloroethene	934	U
74-97-5	Bromochloromethane	934	U
78-93-3	2-Butanone	4670	U
67-66-3	Chloroform	934	U
71-55-6	1,1,1-Trichloroethane	934	U
56-23-5	Carbon tetrachloride	934	U
563-58-6	1,1-Dichloropropene	934	U
71-43-2	Benzene	1360	
107-06-2	1,2-Dichloroethane	934	U
79-01-6	Trichloroethene	934	U
108-05-4	Vinyl acetate	1870	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD262

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746318 Lab File ID: 46318M.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1442

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	934	U
74-95-3	Dibromomethane	934	U
75-27-4	Bromodichloromethane	934	U
10061-01-5	cis-1,3-Dichloropropene	934	U
108-10-1	4-Methyl-2-pentanone	1110	J
108-88-3	Toluene	23300	
10061-02-6	trans-1,3-Dichloropropene	934	U
79-00-5	1,1,2-Trichloroethane	934	U
127-18-4	Tetrachloroethene	2340	U
142-28-9	1,3-Dichloropropane	934	U
591-78-6	2-Hexanone	1870	U
124-48-1	Dibromochloromethane	934	U
106-93-4	1,2-Dibromoethane(EDB)	934	U
108-90-7	Chlorobenzene	934	U
630-20-6	1,1,1,2-Tetrachloroethane	934	U
100-41-4	Ethylbenzene	1190	
511-39-00	p,m-Xylene	3590	
95-47-6	o-Xylene	1740	
100-42-5	Styrene	934	U
75-25-2	Bromoform	2340	U
98-82-8	Isopropylbenzene (Cumene)	258	J
108-86-1	Bromobenzene	934	U
79-34-5	1,1,2,2-Tetrachloroethane	934	U
96-18-4	1,2,3-Trichloropropane	934	U
103-65-1	n-Propylbenzene	604	J
95-49-8	2-Chlorotoluene	934	U
106-43-4	4-Chlorotoluene	934	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD262

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746318 Lab File ID: 46318M.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1442

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1140	
98-06-6	tert-Butylbenzene	934	U
95-63-6	1,2,4-Trimethylbenzene	3220	
135-98-8	sec-Butylbenzene	285	J
541-73-1	1,3-Dichlorobenzene	934	U
106-46-7	1,4-Dichlorobenzene	934	U
99-87-6	4-Isopropyltoluene	413	J
104-51-8	n-Butylbenzene	812	J
95-50-1	1,2-Dichlorobenzene	934	U
96-12-8	1,2-Dibromo-3-chloropropane	4670	U
120-82-1	1,2,4-Trichlorobenzene	934	U
87-68-3	Hexachlorobutadiene	1400	U
91-20-3	Naphthalene	2300	
87-61-6	1,2,3-Trichlorobenzene	934	U
1634-04-4	MTBE	934	U

QC Summary

100907 1440

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 090607BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1919

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 090607BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1919

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 090607BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1919

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 090707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0822

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 090707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0822

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 090707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0822

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 090807BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1204

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 090807BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1204

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 090807BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1204

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090607LCSA34

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1820	91.0		30.0	45 - 128
Chloromethane	2000	2080	104.0		30.0	70 - 130
Vinyl chloride	2000	2210	110.0		30.0	70 - 130
Bromomethane	2000	2060	103.0		30.0	39 - 148
Chloroethane	2000	2190	110.0		30.0	55 - 139
Trichlorofluoromethane	2000	1780	89.0		30.0	70 - 130
1,1-Dichloroethene	2000	2240	112.0		30.0	70 - 130
Acrolein	6000	5240	87.3		30.0	69 - 130
Methyl iodide	2000	2480	124.0		30.0	55 - 133
Carbon disulfide	2000	2050	102.0		30.0	65 - 130
Methylene chloride	2000	2200	110.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2160	108.0		30.0	70 - 130
Acrylonitrile	6000	6250	104.0		30.0	70 - 130
1,1-Dichloroethane	2000	2280	114.0		30.0	70 - 130
Acetone	6000	5640	94.0		30.0	58 - 133
2,2-Dichloropropane	2000	1370	68.5 *		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2240	112.0		30.0	70 - 130
Bromochloromethane	2000	2020	101.0		30.0	70 - 130
2-Butanone	6000	6020	100.0		30.0	70 - 130
Chloroform	2000	2050	102.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1770	88.5		30.0	70 - 130
Carbon tetrachloride	2000	2090	104.0		30.0	70 - 130
1,1-Dichloropropene	2000	1880	94.0		30.0	70 - 130
Benzene	2000	2030	102.0		30.0	70 - 130
1,2-Dichloroethane	2000	2010	100.0		30.0	70 - 130
Trichloroethene	2000	2260	113.0		30.0	70 - 130
Vinyl acetate	2000	1620	81.0		30.0	70 - 130
1,2-Dichloropropane	2000	2060	103.0		30.0	70 - 130
Dibromomethane	2000	2010	100.0		30.0	70 - 130
Bromodichloromethane	2000	1930	96.5		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2000	100.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5840	97.3		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

100907 1440

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2060	103.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2020	101.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	1960	98.0		30.0	70 - 130
Tetrachloroethene	2000	2010	100.0		30.0	70 - 130
1,3-Dichloropropane	2000	2060	103.0		30.0	70 - 130
2-Hexanone	6000	5610	93.5		30.0	70 - 130
Dibromochloromethane	2000	1900	95.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1990	99.5		30.0	70 - 130
Chlorobenzene	2000	2030	102.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2010	100.0		30.0	70 - 130
Ethylbenzene	2000	2040	102.0		30.0	70 - 130
p,m-Xylene	4000	4080	102.0		30.0	70 - 130
o-Xylene	2000	2040	102.0		30.0	70 - 130
Styrene	2000	2110	106.0		30.0	70 - 130
Bromoform	2000	1880	94.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2080	104.0		30.0	70 - 130
Bromobenzene	2000	1990	99.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1570	78.5		30.0	70 - 130
1,2,3-Trichloropropane	2000	1930	96.5		30.0	70 - 130
n-Propylbenzene	2000	2040	102.0		30.0	70 - 130
2-Chlorotoluene	2000	2060	103.0		30.0	70 - 130
4-Chlorotoluene	2000	2020	101.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2050	102.0		30.0	70 - 130
tert-Butylbenzene	2000	2000	100.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2030	102.0		30.0	70 - 130
sec-Butylbenzene	2000	1990	99.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1990	99.5		30.0	70 - 130
1,4-Dichlorobenzene	2000	1960	98.0		30.0	70 - 130
4-Isopropyltoluene	2000	1960	98.0		30.0	70 - 130
n-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	1970	98.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1700	85.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1440

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1730	86.5		30.0	65 - 130
Hexachlorobutadiene	2000	1730	86.5		30.0	70 - 130
Naphthalene	2000	1760	88.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1740	87.0		30.0	70 - 130
MTBE	2000	1490	74.5		30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1440

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090707LCSA32

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	2010	100.0		30.0	45 - 128
Chloromethane	2000	1900	95.0		30.0	70 - 130
Vinyl chloride	2000	1980	99.0		30.0	70 - 130
Bromomethane	2000	1950	97.5		30.0	39 - 148
Chloroethane	2000	2090	104.0		30.0	55 - 139
Trichlorofluoromethane	2000	1760	88.0		30.0	70 - 130
1,1-Dichloroethene	2000	2210	110.0		30.0	70 - 130
Acrolein	6000	5330	88.8		30.0	69 - 130
Methyl iodide	2000	2610	130.0		30.0	55 - 133
Carbon disulfide	2000	1850	92.5		30.0	65 - 130
Methylene chloride	2000	1990	99.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2090	104.0		30.0	70 - 130
Acrylonitrile	6000	6080	101.0		30.0	70 - 130
1,1-Dichloroethane	2000	2050	102.0		30.0	70 - 130
Acetone	6000	7370	123.0		30.0	58 - 133
2,2-Dichloropropane	2000	2620	131.0 *		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2020	101.0		30.0	70 - 130
Bromochloromethane	2000	2040	102.0		30.0	70 - 130
2-Butanone	6000	6220	104.0		30.0	70 - 130
Chloroform	2000	2060	103.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2130	106.0		30.0	70 - 130
Carbon tetrachloride	2000	2060	103.0		30.0	70 - 130
1,1-Dichloropropene	2000	2050	102.0		30.0	70 - 130
Benzene	2000	2060	103.0		30.0	70 - 130
1,2-Dichloroethane	2000	2060	103.0		30.0	70 - 130
Trichloroethene	2000	2020	101.0		30.0	70 - 130
Vinyl acetate	2000	2270	114.0		30.0	70 - 130
1,2-Dichloropropane	2000	2030	102.0		30.0	70 - 130
Dibromomethane	2000	2000	100.0		30.0	70 - 130
Bromodichloromethane	2000	2020	101.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2110	106.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6000	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

100907 1440

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090707LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2060	103.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2200	110.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2030	102.0		30.0	70 - 130
Tetrachloroethene	2000	2010	100.0		30.0	70 - 130
1,3-Dichloropropane	2000	2030	102.0		30.0	70 - 130
2-Hexanone	6000	6080	101.0		30.0	70 - 130
Dibromochloromethane	2000	2030	102.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2010	100.0		30.0	70 - 130
Chlorobenzene	2000	1990	99.5		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2040	102.0		30.0	70 - 130
Ethylbenzene	2000	2040	102.0		30.0	70 - 130
p,m-Xylene	4000	4020	100.0		30.0	70 - 130
o-Xylene	2000	2010	100.0		30.0	70 - 130
Styrene	2000	2080	104.0		30.0	70 - 130
Bromoform	2000	1980	99.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2000	100.0		30.0	70 - 130
Bromobenzene	2000	1930	96.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2010	100.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	1970	98.5		30.0	70 - 130
n-Propylbenzene	2000	1990	99.5		30.0	70 - 130
2-Chlorotoluene	2000	2030	102.0		30.0	70 - 130
4-Chlorotoluene	2000	1960	98.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1990	99.5		30.0	70 - 130
tert-Butylbenzene	2000	1920	96.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1990	99.5		30.0	70 - 130
sec-Butylbenzene	2000	1870	93.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1930	96.5		30.0	70 - 130
1,4-Dichlorobenzene	2000	1930	96.5		30.0	70 - 130
4-Isopropyltoluene	2000	1880	94.0		30.0	70 - 130
n-Butylbenzene	2000	1870	93.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	1970	98.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2010	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1440

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090707LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1750	87.5		30.0	65 - 130
Hexachlorobutadiene	2000	1680	84.0		30.0	70 - 130
Naphthalene	2000	1810	90.5		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1720	86.0		30.0	70 - 130
MTBE	2000	1980	99.0		30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1440

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090807LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1770	88.5		30.0	45 - 128
Chloromethane	2000	1770	88.5		30.0	70 - 130
Vinyl chloride	2000	1940	97.0		30.0	70 - 130
Bromomethane	2000	1860	93.0		30.0	39 - 148
Chloroethane	2000	1980	99.0		30.0	55 - 139
Trichlorofluoromethane	2000	1730	86.5		30.0	70 - 130
1,1-Dichloroethene	2000	2210	110.0		30.0	70 - 130
Acrolein	6000	4330	72.2		30.0	69 - 130
Methyl iodide	2000	2420	121.0		30.0	55 - 133
Carbon disulfide	2000	1940	97.0		30.0	65 - 130
Methylene chloride	2000	2040	102.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2070	104.0		30.0	70 - 130
Acrylonitrile	6000	5500	91.7		30.0	70 - 130
1,1-Dichloroethane	2000	1780	89.0		30.0	70 - 130
Acetone	6000	4300	71.7		30.0	58 - 133
2,2-Dichloropropane	2000	2270	114.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2090	104.0		30.0	70 - 130
Bromochloromethane	2000	2010	100.0		30.0	70 - 130
2-Butanone	6000	5510	91.8		30.0	70 - 130
Chloroform	2000	2060	103.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2080	104.0		30.0	70 - 130
Carbon tetrachloride	2000	2000	100.0		30.0	70 - 130
1,1-Dichloropropene	2000	2020	101.0		30.0	70 - 130
Benzene	2000	1990	99.5		30.0	70 - 130
1,2-Dichloroethane	2000	2020	101.0		30.0	70 - 130
Trichloroethene	2000	2020	101.0		30.0	70 - 130
Vinyl acetate	2000	2290	114.0		30.0	70 - 130
1,2-Dichloropropane	2000	2000	100.0		30.0	70 - 130
Dibromomethane	2000	2030	102.0		30.0	70 - 130
Bromodichloromethane	2000	2050	102.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2180	109.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6100	102.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1440

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090807LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2020	101.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2320	116.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2000	100.0		30.0	70 - 130
Tetrachloroethene	2000	1910	95.5		30.0	70 - 130
1,3-Dichloropropane	2000	2040	102.0		30.0	70 - 130
2-Hexanone	6000	5940	99.0		30.0	70 - 130
Dibromochloromethane	2000	2120	106.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2040	102.0		30.0	70 - 130
Chlorobenzene	2000	1980	99.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2160	108.0		30.0	70 - 130
Ethylbenzene	2000	1950	97.5		30.0	70 - 130
p,m-Xylene	4000	4000	100.0		30.0	70 - 130
o-Xylene	2000	1970	98.5		30.0	70 - 130
Styrene	2000	2100	105.0		30.0	70 - 130
Bromoform	2000	2280	114.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1940	97.0		30.0	70 - 130
Bromobenzene	2000	1890	94.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2050	102.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2020	101.0		30.0	70 - 130
n-Propylbenzene	2000	1900	95.0		30.0	70 - 130
2-Chlorotoluene	2000	1910	95.5		30.0	70 - 130
4-Chlorotoluene	2000	1930	96.5		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1890	94.5		30.0	70 - 130
tert-Butylbenzene	2000	1820	91.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1870	93.5		30.0	70 - 130
sec-Butylbenzene	2000	1710	85.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1880	94.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1880	94.0		30.0	70 - 130
4-Isopropyltoluene	2000	1710	85.5		30.0	70 - 130
n-Butylbenzene	2000	1630	81.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	1890	94.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2060	103.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1440

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090807LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1610	80.5		30.0	65 - 130
Hexachlorobutadiene	2000	1600	80.0		30.0	70 - 130
Naphthalene	2000	1700	85.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1580	79.0		30.0	70 - 130
MTBE	2000	1800	90.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1440

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

100907 1440

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

Sample NPPD242 had two layers prior to extraction. Both the top and bottom phases were extracted separately. The results are reported as samples NPPD242P1 (top phase) and NPPD242P2 (bottom phase).

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 2,6-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Nitrophenol, bis(2-ethylhexyl)phthalate, Di-n-octylphthalate.

B. Blanks:

All acceptance criteria were met.

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample 3382BLK was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 121 % with criteria of (30-115).

Sample 3382LCS was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 118 % with criteria of (30-115).

Sample NPPD228 was recovered above criteria for the following surrogate(s): Nitrobenzene-d5 at 123 % with criteria of (23-120).

Sample NPPD233 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 123 % with criteria of (30-115).

Sample NPPD242P2 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 139 % with criteria of (30-115), Nitrobenzene-d5 at 125 % with criteria of (23-120).

Sample NPPD244 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 7.9 % with criteria of (25-121).

Sample NPPD246 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 12.5 % with criteria of (25-121).

Sample NPPD251 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 4.4 % with criteria of (25-121).

Sample NPPD257 was recovered below criteria for the following surrogate(s): Phenol-d5 at 1.4 % with criteria of (24-113).

Sample NPPD259 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 117 % with criteria of (30-115).

Sample NPPD262 was recovered below criteria for the following surrogate(s): Phenol-d5 at 6.6 % with criteria of (24-113).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPPD219 NPPD220 NPPD228 NPPD229 NPPD233 NPPD239 NPPD240 NPPD241 NPPD244 NPPD246 NPPD251 NPPD255 NPPD257 NPPD259 NPPD262 NPPD273

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

LCS 3382LCS was analyzed with the soil samples extracted on 08/30/07. The following analyte(s) were recovered below criteria: 2,4-Dimethylphenol at 64.2 % with criteria of (65-105), 4-Nitrophenol at 40.8 % with criteria of (52-140), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), Di-n-octylphthalate at 54.2 % with criteria of (64-130), and the following analyte(s) were recovered above criteria: 1,4-Dichlorobenzene at 112 % with criteria of (62-105), 2,6-Dinitrotoluene at 111 % with criteria of (73-110), 2-Chloronaphthalene at 110 % with criteria of (72-105), Bis(2-Chloroethyl)ether at 110 % with criteria of (61-105), Chrysene at 112 % with criteria of (65-110), Fluorene at 112 % with criteria of (67-110), Naphthalene at 110 % with criteria of (67-105), Phenanthrene at 113 % with criteria of (67-110). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 106 % with criteria of (60-100), 1,3-Dichlorobenzene at 112 % with criteria of (61.5-105.5), 2-Methylnaphthalene at 112 % with criteria of (66.5-110.5), 4-Chlorophenyl-phenylether at 118 % with criteria of (57.5-117.5), Benzyl alcohol at 0 % with criteria of (53.8-135.2), Dibenzofuran at 112 % with criteria of (70-110).

Samples coded accordingly.

The recoveries are directly related to the final volume adjustment of 10 mL for the LCS to demonstrate recoveries that would be found in the samples.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
The following samples were analyzed at a 1:10 dilution due to non-target analyte interference.
Sample NPPD182
Sample NPPD219
Sample NPPD220
Sample NPPD228
Sample NPPD229
Sample NPPD233
Sample NPPD239
Sample NPPD240
Sample NPPD241
Sample NPPD242P1
Sample NPPD242P2
Sample NPPD244

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

Sample NPPD246
Sample NPPD251
Sample NPPD255
Sample NPPD257
Sample NPPD259
Sample NPPD262
Sample NPPD273

All samples were only brought to a final volume of 10mL due to the nature of the samples.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/10/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Method: 8270

EPA Sample No	Lab Sample ID
NPPD182	250746301
NPPD273	250746302
NPPD242P1	250746303P1
NPPD242P2	250746303P2
NPPD246	250746304
NPPD244	250746305
NPPD219	250746306
NPPD220	250746307
NPPD240	250746308
NPPD241	250746309
NPPD239	250746310
NPPD229	250746311
NPPD228	250746312
NPPD233	250746313
NPPD255	250746314
NPPD259	250746315
NPPD257	250746316
NPPD251	250746317
NPPD262	250746318

100907 1441

Sample Data

100907 1441

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD182

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746301 Lab File ID: 463-01DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1232

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	339000	U
62-53-3	Aniline	339000	U
111-44-4	Bis(2-Chloroethyl)ether	339000	U
108-95-2	Phenol	1700000	U
95-57-8	2-Chlorophenol	339000	U
541-73-1	1,3-Dichlorobenzene	339000	U
106-46-7	1,4-Dichlorobenzene	339000	U
95-50-1	1,2-Dichlorobenzene	339000	U
100-51-6	Benzyl alcohol	848000	U
108-60-1	2,2-Oxybis(1-chloropropane)	343000	U
95-48-7	2-Methylphenol (o-Cresol)	339000	U
67-72-1	Hexachloroethane	343000	U
621-64-7	N-Nitroso-di-n-propylamine	339000	U
106-44-5	4-Methylphenol	339000	U
98-95-3	Nitrobenzene	339000	U
78-59-1	Isophorone	339000	U
88-75-5	2-Nitrophenol	339000	U
105-67-9	2,4-Dimethylphenol	339000	U
65-85-0	Benzoic acid	1700000	U
111-91-1	Bis(2-Chloroethoxy)methane	339000	U
120-83-2	2,4-Dichlorophenol	339000	U
120-82-1	1,2,4-Trichlorobenzene	339000	U
91-20-3	Naphthalene	339000	U
106-47-8	4-Chloroaniline	339000	U
91-57-6	2-Methylnaphthalene	339000	U
87-68-3	Hexachlorobutadiene	339000	U
59-50-7	4-Chloro-3-methylphenol	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD182

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746301 Lab File ID: 463-01DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1232

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	339000	U
77-47-4	Hexachlorocyclopentadiene	848000	U
88-06-2	2,4,6-Trichlorophenol	339000	U
95-95-4	2,4,5-Trichlorophenol	339000	U
91-58-7	2-Chloronaphthalene	343000	U
88-74-4	2-Nitroaniline	339000	U
208-96-8	Acenaphthylene	339000	U
131-11-3	Dimethyl-phthalate	339000	U
606-20-2	2,6-Dinitrotoluene	339000	U
83-32-9	Acenaphthene	339000	U
99-09-2	3-Nitroaniline	339000	U
51-28-5	2,4-Dinitrophenol	1700000	U
132-64-9	Dibenzofuran	339000	U
121-14-2	2,4-Dinitrotoluene	339000	U
100-02-7	4-Nitrophenol	848000	U
86-73-7	Fluorene	339000	U
7005-72-3	4-Chlorophenyl-phenylether	339000	U
84-66-2	Diethylphthalate	339000	U
100-01-6	4-Nitroaniline	339000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1700000	U
86-30-6	N-Nitrosodiphenylamine	339000	U
101-55-3	4-Bromophenyl-phenylether	339000	U
118-74-1	Hexachlorobenzene	339000	U
87-86-5	Pentachlorophenol	1700000	U
85-01-8	Phenanthrene	339000	U
120-12-7	Anthracene	339000	U
84-74-2	Di-n-butylphthalate	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD182

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746301 Lab File ID: 463-01DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1232

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	339000	U
129-00-0	Pyrene	339000	U
92-87-5	Benzidine	852000	U
85-68-7	Butylbenzylphthalate	339000	U
91-94-1	3,3'-Dichlorobenzidine	339000	U
56-55-3	Benzo(a)anthracene	339000	U
218-01-9	Chrysene	339000	U
117-81-7	bis(2-ethylhexyl)phthalate	339000	U
117-84-0	Di-n-octylphthalate	339000	U
205-99-2	Benzo(b)fluoranthene	339000	U
207-08-9	Benzo(k)fluoranthene	339000	U
50-32-8	Benzo(a)pyrene	339000	U
193-39-5	Indeno(1,2,3-cd)pyrene	339000	U
53-70-3	Dibenz(a,h)anthracene	339000	U
191-24-2	Benzo(g,h,i)perylene	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD273

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746302 Lab File ID: 463-02DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1302

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	339000	U
62-53-3	Aniline	339000	U
111-44-4	Bis(2-Chloroethyl)ether	339000	U
108-95-2	Phenol	1700000	U
95-57-8	2-Chlorophenol	339000	U
541-73-1	1,3-Dichlorobenzene	339000	U
106-46-7	1,4-Dichlorobenzene	339000	U
95-50-1	1,2-Dichlorobenzene	339000	U
100-51-6	Benzyl alcohol	848000	U
108-60-1	2,2-Oxybis(1-chloropropane)	343000	U
95-48-7	2-Methylphenol (o-Cresol)	339000	U
67-72-1	Hexachloroethane	343000	U
621-64-7	N-Nitroso-di-n-propylamine	339000	U
106-44-5	4-Methylphenol	339000	U
98-95-3	Nitrobenzene	339000	U
78-59-1	Isophorone	339000	U
88-75-5	2-Nitrophenol	339000	U
105-67-9	2,4-Dimethylphenol	339000	U
65-85-0	Benzoic acid	1700000	U
111-91-1	Bis(2-Chloroethoxy)methane	339000	U
120-83-2	2,4-Dichlorophenol	339000	U
120-82-1	1,2,4-Trichlorobenzene	339000	U
91-20-3	Naphthalene	339000	U
106-47-8	4-Chloroaniline	339000	U
91-57-6	2-Methylnaphthalene	339000	U
87-68-3	Hexachlorobutadiene	339000	U
59-50-7	4-Chloro-3-methylphenol	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD273

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746302 Lab File ID: 463-02DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1302

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	339000	U
77-47-4	Hexachlorocyclopentadiene	848000	U
88-06-2	2,4,6-Trichlorophenol	339000	U
95-95-4	2,4,5-Trichlorophenol	339000	U
91-58-7	2-Chloronaphthalene	343000	U
88-74-4	2-Nitroaniline	339000	U
208-96-8	Acenaphthylene	339000	U
131-11-3	Dimethyl-phthalate	339000	U
606-20-2	2,6-Dinitrotoluene	339000	U
83-32-9	Acenaphthene	339000	U
99-09-2	3-Nitroaniline	339000	U
51-28-5	2,4-Dinitrophenol	1700000	U
132-64-9	Dibenzofuran	339000	U
121-14-2	2,4-Dinitrotoluene	339000	U
100-02-7	4-Nitrophenol	848000	U
86-73-7	Fluorene	339000	U
7005-72-3	4-Chlorophenyl-phenylether	339000	U
84-66-2	Diethylphthalate	339000	U
100-01-6	4-Nitroaniline	339000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1700000	U
86-30-6	N-Nitrosodiphenylamine	339000	U
101-55-3	4-Bromophenyl-phenylether	339000	U
118-74-1	Hexachlorobenzene	339000	U
87-86-5	Pentachlorophenol	1700000	U
85-01-8	Phenanthrene	339000	U
120-12-7	Anthracene	339000	U
84-74-2	Di-n-butylphthalate	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD273

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746302 Lab File ID: 463-02DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1302

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	339000	U
129-00-0	Pyrene	339000	U
92-87-5	Benzidine	852000	U
85-68-7	Butylbenzylphthalate	339000	U
91-94-1	3,3'-Dichlorobenzidine	339000	U
56-55-3	Benzo(a)anthracene	339000	U
218-01-9	Chrysene	339000	U
117-81-7	bis(2-ethylhexyl)phthalate	339000	U
117-84-0	Di-n-octylphthalate	339000	U
205-99-2	Benzo(b)fluoranthene	339000	U
207-08-9	Benzo(k)fluoranthene	339000	U
50-32-8	Benzo(a)pyrene	339000	U
193-39-5	Indeno(1,2,3-cd)pyrene	339000	U
53-70-3	Dibenz(a,h)anthracene	339000	U
191-24-2	Benzo(g,h,i)perylene	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD242P1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303P1 Lab File ID: 463-03TDT.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1332

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	345000	U
62-53-3	Aniline	345000	U
111-44-4	Bis(2-Chloroethyl)ether	345000	U
108-95-2	Phenol	1720000	U
95-57-8	2-Chlorophenol	345000	U
541-73-1	1,3-Dichlorobenzene	345000	U
106-46-7	1,4-Dichlorobenzene	345000	U
95-50-1	1,2-Dichlorobenzene	345000	U
100-51-6	Benzyl alcohol	862000	U
108-60-1	2,2-Oxybis(1-chloropropane)	349000	U
95-48-7	2-Methylphenol (o-Cresol)	345000	U
67-72-1	Hexachloroethane	349000	U
621-64-7	N-Nitroso-di-n-propylamine	345000	U
106-44-5	4-Methylphenol	345000	U
98-95-3	Nitrobenzene	345000	U
78-59-1	Isophorone	345000	U
88-75-5	2-Nitrophenol	345000	U
105-67-9	2,4-Dimethylphenol	345000	U
65-85-0	Benzoic acid	1720000	U
111-91-1	Bis(2-Chloroethoxy)methane	345000	U
120-83-2	2,4-Dichlorophenol	345000	U
120-82-1	1,2,4-Trichlorobenzene	345000	U
91-20-3	Naphthalene	345000	U
106-47-8	4-Chloroaniline	345000	U
91-57-6	2-Methylnaphthalene	345000	U
87-68-3	Hexachlorobutadiene	345000	U
59-50-7	4-Chloro-3-methylphenol	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD242P1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303P1 Lab File ID: 463-03TDT.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1332

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	345000	U
77-47-4	Hexachlorocyclopentadiene	862000	U
88-06-2	2,4,6-Trichlorophenol	345000	U
95-95-4	2,4,5-Trichlorophenol	345000	U
91-58-7	2-Chloronaphthalene	349000	U
88-74-4	2-Nitroaniline	345000	U
208-96-8	Acenaphthylene	345000	U
131-11-3	Dimethyl-phthalate	345000	U
606-20-2	2,6-Dinitrotoluene	345000	U
83-32-9	Acenaphthene	345000	U
99-09-2	3-Nitroaniline	345000	U
51-28-5	2,4-Dinitrophenol	1730000	U
132-64-9	Dibenzofuran	345000	U
121-14-2	2,4-Dinitrotoluene	345000	U
100-02-7	4-Nitrophenol	862000	U
86-73-7	Fluorene	345000	U
7005-72-3	4-Chlorophenyl-phenylether	345000	U
84-66-2	Diethylphthalate	345000	U
100-01-6	4-Nitroaniline	345000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1720000	U
86-30-6	N-Nitrosodiphenylamine	345000	U
101-55-3	4-Bromophenyl-phenylether	345000	U
118-74-1	Hexachlorobenzene	345000	U
87-86-5	Pentachlorophenol	1720000	U
85-01-8	Phenanthrene	345000	U
120-12-7	Anthracene	345000	U
84-74-2	Di-n-butylphthalate	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD242P1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303P1 Lab File ID: 463-03TDT.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1332

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	345000	U
129-00-0	Pyrene	345000	U
92-87-5	Benzidine	866000	U
85-68-7	Butylbenzylphthalate	345000	U
91-94-1	3,3'-Dichlorobenzidine	345000	U
56-55-3	Benzo(a)anthracene	345000	U
218-01-9	Chrysene	345000	U
117-81-7	bis(2-ethylhexyl)phthalate	345000	U
117-84-0	Di-n-octylphthalate	345000	U
205-99-2	Benzo(b)fluoranthene	345000	U
207-08-9	Benzo(k)fluoranthene	345000	U
50-32-8	Benzo(a)pyrene	345000	U
193-39-5	Indeno(1,2,3-cd)pyrene	345000	U
53-70-3	Dibenz(a,h)anthracene	345000	U
191-24-2	Benzo(g,h,i)perylene	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD242P2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303P2 Lab File ID: 463-03BDT.D

Sample wt/vol: 1.42 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1402

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	282000	U
62-53-3	Aniline	282000	U
111-44-4	Bis(2-Chloroethyl)ether	282000	U
108-95-2	Phenol	1410000	U
95-57-8	2-Chlorophenol	282000	U
541-73-1	1,3-Dichlorobenzene	282000	U
106-46-7	1,4-Dichlorobenzene	282000	U
95-50-1	1,2-Dichlorobenzene	282000	U
100-51-6	Benzyl alcohol	704000	U
108-60-1	2,2-Oxybis(1-chloropropane)	285000	U
95-48-7	2-Methylphenol (o-Cresol)	282000	U
67-72-1	Hexachloroethane	285000	U
621-64-7	N-Nitroso-di-n-propylamine	282000	U
106-44-5	4-Methylphenol	282000	U
98-95-3	Nitrobenzene	282000	U
78-59-1	Isophorone	282000	U
88-75-5	2-Nitrophenol	282000	U
105-67-9	2,4-Dimethylphenol	282000	U
65-85-0	Benzoic acid	1410000	U
111-91-1	Bis(2-Chloroethoxy)methane	282000	U
120-83-2	2,4-Dichlorophenol	282000	U
120-82-1	1,2,4-Trichlorobenzene	282000	U
91-20-3	Naphthalene	282000	U
106-47-8	4-Chloroaniline	282000	U
91-57-6	2-Methylnaphthalene	282000	U
87-68-3	Hexachlorobutadiene	282000	U
59-50-7	4-Chloro-3-methylphenol	282000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD242P2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303P2 Lab File ID: 463-03BDT.D

Sample wt/vol: 1.42 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1402

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	282000	U
77-47-4	Hexachlorocyclopentadiene	704000	U
88-06-2	2,4,6-Trichlorophenol	282000	U
95-95-4	2,4,5-Trichlorophenol	282000	U
91-58-7	2-Chloronaphthalene	285000	U
88-74-4	2-Nitroaniline	282000	U
208-96-8	Acenaphthylene	282000	U
131-11-3	Dimethyl-phthalate	282000	U
606-20-2	2,6-Dinitrotoluene	282000	U
83-32-9	Acenaphthene	282000	U
99-09-2	3-Nitroaniline	282000	U
51-28-5	2,4-Dinitrophenol	1420000	U
132-64-9	Dibenzofuran	282000	U
121-14-2	2,4-Dinitrotoluene	282000	U
100-02-7	4-Nitrophenol	704000	U
86-73-7	Fluorene	282000	U
7005-72-3	4-Chlorophenyl-phenylether	282000	U
84-66-2	Diethylphthalate	282000	U
100-01-6	4-Nitroaniline	282000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1410000	U
86-30-6	N-Nitrosodiphenylamine	282000	U
101-55-3	4-Bromophenyl-phenylether	282000	U
118-74-1	Hexachlorobenzene	282000	U
87-86-5	Pentachlorophenol	1410000	U
85-01-8	Phenanthrene	282000	U
120-12-7	Anthracene	282000	U
84-74-2	Di-n-butylphthalate	282000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD242P2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303P2 Lab File ID: 463-03BDT.D

Sample wt/vol: 1.42 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1402

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	282000	U
129-00-0	Pyrene	282000	U
92-87-5	Benzidine	708000	U
85-68-7	Butylbenzylphthalate	282000	U
91-94-1	3,3'-Dichlorobenzidine	282000	U
56-55-3	Benzo(a)anthracene	282000	U
218-01-9	Chrysene	282000	U
117-81-7	bis(2-ethylhexyl)phthalate	282000	U
117-84-0	Di-n-octylphthalate	282000	U
205-99-2	Benzo(b)fluoranthene	282000	U
207-08-9	Benzo(k)fluoranthene	282000	U
50-32-8	Benzo(a)pyrene	282000	U
193-39-5	Indeno(1,2,3-cd)pyrene	282000	U
53-70-3	Dibenz(a,h)anthracene	282000	U
191-24-2	Benzo(g,h,i)perylene	282000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD246

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746304 Lab File ID: 463-04DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1432

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	1790000	U
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD246

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746304 Lab File ID: 463-04DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1432

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	70700	J
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD246

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746304 Lab File ID: 463-04DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1432

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD244

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746305 Lab File ID: 463-05DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1502

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	339000	U
62-53-3	Aniline	339000	U
111-44-4	Bis(2-Chloroethyl)ether	339000	U
108-95-2	Phenol	1700000	U
95-57-8	2-Chlorophenol	339000	U
541-73-1	1,3-Dichlorobenzene	339000	U
106-46-7	1,4-Dichlorobenzene	339000	U
95-50-1	1,2-Dichlorobenzene	339000	U
100-51-6	Benzyl alcohol	848000	U
108-60-1	2,2-Oxybis(1-chloropropane)	343000	U
95-48-7	2-Methylphenol (o-Cresol)	339000	U
67-72-1	Hexachloroethane	343000	U
621-64-7	N-Nitroso-di-n-propylamine	339000	U
106-44-5	4-Methylphenol	339000	U
98-95-3	Nitrobenzene	339000	U
78-59-1	Isophorone	339000	U
88-75-5	2-Nitrophenol	339000	U
105-67-9	2,4-Dimethylphenol	339000	U
65-85-0	Benzoic acid	1700000	U
111-91-1	Bis(2-Chloroethoxy)methane	339000	U
120-83-2	2,4-Dichlorophenol	339000	U
120-82-1	1,2,4-Trichlorobenzene	339000	U
91-20-3	Naphthalene	339000	U
106-47-8	4-Chloroaniline	339000	U
91-57-6	2-Methylnaphthalene	339000	U
87-68-3	Hexachlorobutadiene	339000	U
59-50-7	4-Chloro-3-methylphenol	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD244

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746305 Lab File ID: 463-05DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1502

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	339000	U
77-47-4	Hexachlorocyclopentadiene	848000	U
88-06-2	2,4,6-Trichlorophenol	339000	U
95-95-4	2,4,5-Trichlorophenol	339000	U
91-58-7	2-Chloronaphthalene	343000	U
88-74-4	2-Nitroaniline	339000	U
208-96-8	Acenaphthylene	339000	U
131-11-3	Dimethyl-phthalate	339000	U
606-20-2	2,6-Dinitrotoluene	339000	U
83-32-9	Acenaphthene	339000	U
99-09-2	3-Nitroaniline	339000	U
51-28-5	2,4-Dinitrophenol	1700000	U
132-64-9	Dibenzofuran	339000	U
121-14-2	2,4-Dinitrotoluene	339000	U
100-02-7	4-Nitrophenol	848000	U
86-73-7	Fluorene	339000	U
7005-72-3	4-Chlorophenyl-phenylether	339000	U
84-66-2	Diethylphthalate	339000	U
100-01-6	4-Nitroaniline	339000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1700000	U
86-30-6	N-Nitrosodiphenylamine	339000	U
101-55-3	4-Bromophenyl-phenylether	339000	U
118-74-1	Hexachlorobenzene	339000	U
87-86-5	Pentachlorophenol	1700000	U
85-01-8	Phenanthrene	90000	J
120-12-7	Anthracene	339000	U
84-74-2	Di-n-butylphthalate	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD244

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746305 Lab File ID: 463-05DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1502

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	339000	U
129-00-0	Pyrene	339000	U
92-87-5	Benzidine	852000	U
85-68-7	Butylbenzylphthalate	339000	U
91-94-1	3,3'-Dichlorobenzidine	339000	U
56-55-3	Benzo(a)anthracene	339000	U
218-01-9	Chrysene	339000	U
117-81-7	bis(2-ethylhexyl)phthalate	339000	U
117-84-0	Di-n-octylphthalate	339000	U
205-99-2	Benzo(b)fluoranthene	339000	U
207-08-9	Benzo(k)fluoranthene	339000	U
50-32-8	Benzo(a)pyrene	339000	U
193-39-5	Indeno(1,2,3-cd)pyrene	339000	U
53-70-3	Dibenz(a,h)anthracene	339000	U
191-24-2	Benzo(g,h,i)perylene	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD219

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746306 Lab File ID: 463-06DT.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1532

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	354000	U
62-53-3	Aniline	354000	U
111-44-4	Bis(2-Chloroethyl)ether	354000	U
108-95-2	Phenol	1770000	U
95-57-8	2-Chlorophenol	354000	U
541-73-1	1,3-Dichlorobenzene	354000	U
106-46-7	1,4-Dichlorobenzene	354000	U
95-50-1	1,2-Dichlorobenzene	354000	U
100-51-6	Benzyl alcohol	885000	U
108-60-1	2,2-Oxybis(1-chloropropane)	358000	U
95-48-7	2-Methylphenol (o-Cresol)	354000	U
67-72-1	Hexachloroethane	358000	U
621-64-7	N-Nitroso-di-n-propylamine	354000	U
106-44-5	4-Methylphenol	354000	U
98-95-3	Nitrobenzene	354000	U
78-59-1	Isophorone	354000	U
88-75-5	2-Nitrophenol	354000	U
105-67-9	2,4-Dimethylphenol	354000	U
65-85-0	Benzoic acid	1770000	U
111-91-1	Bis(2-Chloroethoxy)methane	354000	U
120-83-2	2,4-Dichlorophenol	354000	U
120-82-1	1,2,4-Trichlorobenzene	354000	U
91-20-3	Naphthalene	354000	U
106-47-8	4-Chloroaniline	354000	U
91-57-6	2-Methylnaphthalene	354000	U
87-68-3	Hexachlorobutadiene	354000	U
59-50-7	4-Chloro-3-methylphenol	354000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD219

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746306 Lab File ID: 463-06DT.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1532

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	354000	U
77-47-4	Hexachlorocyclopentadiene	885000	U
88-06-2	2,4,6-Trichlorophenol	354000	U
95-95-4	2,4,5-Trichlorophenol	354000	U
91-58-7	2-Chloronaphthalene	358000	U
88-74-4	2-Nitroaniline	354000	U
208-96-8	Acenaphthylene	354000	U
131-11-3	Dimethyl-phthalate	354000	U
606-20-2	2,6-Dinitrotoluene	354000	U
83-32-9	Acenaphthene	354000	U
99-09-2	3-Nitroaniline	354000	U
51-28-5	2,4-Dinitrophenol	1780000	U
132-64-9	Dibenzofuran	354000	U
121-14-2	2,4-Dinitrotoluene	354000	U
100-02-7	4-Nitrophenol	885000	U
86-73-7	Fluorene	354000	U
7005-72-3	4-Chlorophenyl-phenylether	354000	U
84-66-2	Diethylphthalate	354000	U
100-01-6	4-Nitroaniline	354000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1770000	U
86-30-6	N-Nitrosodiphenylamine	354000	U
101-55-3	4-Bromophenyl-phenylether	354000	U
118-74-1	Hexachlorobenzene	354000	U
87-86-5	Pentachlorophenol	1770000	U
85-01-8	Phenanthrene	354000	U
120-12-7	Anthracene	354000	U
84-74-2	Di-n-butylphthalate	354000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD219

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746306 Lab File ID: 463-06DT.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1532

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	354000	U
129-00-0	Pyrene	354000	U
92-87-5	Benzidine	889000	U
85-68-7	Butylbenzylphthalate	354000	U
91-94-1	3,3'-Dichlorobenzidine	354000	U
56-55-3	Benzo(a)anthracene	354000	U
218-01-9	Chrysene	354000	U
117-81-7	bis(2-ethylhexyl)phthalate	354000	U
117-84-0	Di-n-octylphthalate	354000	U
205-99-2	Benzo(b)fluoranthene	354000	U
207-08-9	Benzo(k)fluoranthene	354000	U
50-32-8	Benzo(a)pyrene	354000	U
193-39-5	Indeno(1,2,3-cd)pyrene	354000	U
53-70-3	Dibenz(a,h)anthracene	354000	U
191-24-2	Benzo(g,h,i)perylene	354000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD220

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746307 Lab File ID: 463-07DT.D

Sample wt/vol: 1.32 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1603

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	303000	U
62-53-3	Aniline	303000	U
111-44-4	Bis(2-Chloroethyl)ether	303000	U
108-95-2	Phenol	1520000	U
95-57-8	2-Chlorophenol	303000	U
541-73-1	1,3-Dichlorobenzene	303000	U
106-46-7	1,4-Dichlorobenzene	303000	U
95-50-1	1,2-Dichlorobenzene	303000	U
100-51-6	Benzyl alcohol	758000	U
108-60-1	2,2-Oxybis(1-chloropropane)	307000	U
95-48-7	2-Methylphenol (o-Cresol)	303000	U
67-72-1	Hexachloroethane	307000	U
621-64-7	N-Nitroso-di-n-propylamine	303000	U
106-44-5	4-Methylphenol	303000	U
98-95-3	Nitrobenzene	303000	U
78-59-1	Isophorone	303000	U
88-75-5	2-Nitrophenol	303000	U
105-67-9	2,4-Dimethylphenol	303000	U
65-85-0	Benzoic acid	1520000	U
111-91-1	Bis(2-Chloroethoxy)methane	303000	U
120-83-2	2,4-Dichlorophenol	303000	U
120-82-1	1,2,4-Trichlorobenzene	303000	U
91-20-3	Naphthalene	303000	U
106-47-8	4-Chloroaniline	303000	U
91-57-6	2-Methylnaphthalene	303000	U
87-68-3	Hexachlorobutadiene	303000	U
59-50-7	4-Chloro-3-methylphenol	303000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD220

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746307 Lab File ID: 463-07DT.D

Sample wt/vol: 1.32 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1603

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	303000	U
77-47-4	Hexachlorocyclopentadiene	758000	U
88-06-2	2,4,6-Trichlorophenol	303000	U
95-95-4	2,4,5-Trichlorophenol	303000	U
91-58-7	2-Chloronaphthalene	307000	U
88-74-4	2-Nitroaniline	303000	U
208-96-8	Acenaphthylene	303000	U
131-11-3	Dimethyl-phthalate	303000	U
606-20-2	2,6-Dinitrotoluene	303000	U
83-32-9	Acenaphthene	303000	U
99-09-2	3-Nitroaniline	303000	U
51-28-5	2,4-Dinitrophenol	1520000	U
132-64-9	Dibenzofuran	303000	U
121-14-2	2,4-Dinitrotoluene	303000	U
100-02-7	4-Nitrophenol	758000	U
86-73-7	Fluorene	303000	U
7005-72-3	4-Chlorophenyl-phenylether	303000	U
84-66-2	Diethylphthalate	303000	U
100-01-6	4-Nitroaniline	303000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1520000	U
86-30-6	N-Nitrosodiphenylamine	303000	U
101-55-3	4-Bromophenyl-phenylether	303000	U
118-74-1	Hexachlorobenzene	303000	U
87-86-5	Pentachlorophenol	1520000	U
85-01-8	Phenanthrene	303000	U
120-12-7	Anthracene	303000	U
84-74-2	Di-n-butylphthalate	303000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD220

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746307 Lab File ID: 463-07DT.D

Sample wt/vol: 1.32 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1603

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	303000	U
129-00-0	Pyrene	303000	U
92-87-5	Benzidine	761000	U
85-68-7	Butylbenzylphthalate	303000	U
91-94-1	3,3'-Dichlorobenzidine	303000	U
56-55-3	Benzo(a)anthracene	303000	U
218-01-9	Chrysene	303000	U
117-81-7	bis(2-ethylhexyl)phthalate	303000	U
117-84-0	Di-n-octylphthalate	303000	U
205-99-2	Benzo(b)fluoranthene	303000	U
207-08-9	Benzo(k)fluoranthene	303000	U
50-32-8	Benzo(a)pyrene	303000	U
193-39-5	Indeno(1,2,3-cd)pyrene	303000	U
53-70-3	Dibenz(a,h)anthracene	303000	U
191-24-2	Benzo(g,h,i)perylene	303000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD240

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746308 Lab File ID: 463-08DT.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1633

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	345000	U
62-53-3	Aniline	345000	U
111-44-4	Bis(2-Chloroethyl)ether	345000	U
108-95-2	Phenol	1720000	U
95-57-8	2-Chlorophenol	345000	U
541-73-1	1,3-Dichlorobenzene	345000	U
106-46-7	1,4-Dichlorobenzene	345000	U
95-50-1	1,2-Dichlorobenzene	345000	U
100-51-6	Benzyl alcohol	862000	U
108-60-1	2,2-Oxybis(1-chloropropane)	349000	U
95-48-7	2-Methylphenol (o-Cresol)	345000	U
67-72-1	Hexachloroethane	349000	U
621-64-7	N-Nitroso-di-n-propylamine	345000	U
106-44-5	4-Methylphenol	345000	U
98-95-3	Nitrobenzene	345000	U
78-59-1	Isophorone	345000	U
88-75-5	2-Nitrophenol	345000	U
105-67-9	2,4-Dimethylphenol	345000	U
65-85-0	Benzoic acid	1720000	U
111-91-1	Bis(2-Chloroethoxy)methane	345000	U
120-83-2	2,4-Dichlorophenol	345000	U
120-82-1	1,2,4-Trichlorobenzene	345000	U
91-20-3	Naphthalene	88900	J
106-47-8	4-Chloroaniline	345000	U
91-57-6	2-Methylnaphthalene	345000	U
87-68-3	Hexachlorobutadiene	345000	U
59-50-7	4-Chloro-3-methylphenol	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD240

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746308 Lab File ID: 463-08DT.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1633

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	345000	U
77-47-4	Hexachlorocyclopentadiene	862000	U
88-06-2	2,4,6-Trichlorophenol	345000	U
95-95-4	2,4,5-Trichlorophenol	345000	U
91-58-7	2-Chloronaphthalene	349000	U
88-74-4	2-Nitroaniline	345000	U
208-96-8	Acenaphthylene	345000	U
131-11-3	Dimethyl-phthalate	345000	U
606-20-2	2,6-Dinitrotoluene	345000	U
83-32-9	Acenaphthene	345000	U
99-09-2	3-Nitroaniline	345000	U
51-28-5	2,4-Dinitrophenol	1730000	U
132-64-9	Dibenzofuran	345000	U
121-14-2	2,4-Dinitrotoluene	345000	U
100-02-7	4-Nitrophenol	862000	U
86-73-7	Fluorene	345000	U
7005-72-3	4-Chlorophenyl-phenylether	345000	U
84-66-2	Diethylphthalate	345000	U
100-01-6	4-Nitroaniline	345000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1720000	U
86-30-6	N-Nitrosodiphenylamine	345000	U
101-55-3	4-Bromophenyl-phenylether	345000	U
118-74-1	Hexachlorobenzene	345000	U
87-86-5	Pentachlorophenol	1720000	U
85-01-8	Phenanthrene	345000	U
120-12-7	Anthracene	345000	U
84-74-2	Di-n-butylphthalate	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD240

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746308 Lab File ID: 463-08DT.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1633

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	345000	U
129-00-0	Pyrene	345000	U
92-87-5	Benzidine	866000	U
85-68-7	Butylbenzylphthalate	345000	U
91-94-1	3,3'-Dichlorobenzidine	345000	U
56-55-3	Benzo(a)anthracene	345000	U
218-01-9	Chrysene	345000	U
117-81-7	bis(2-ethylhexyl)phthalate	345000	U
117-84-0	Di-n-octylphthalate	345000	U
205-99-2	Benzo(b)fluoranthene	345000	U
207-08-9	Benzo(k)fluoranthene	345000	U
50-32-8	Benzo(a)pyrene	345000	U
193-39-5	Indeno(1,2,3-cd)pyrene	345000	U
53-70-3	Dibenz(a,h)anthracene	345000	U
191-24-2	Benzo(g,h,i)perylene	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD241

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746309 Lab File ID: 463-09DT.D

Sample wt/vol: 1.21 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1703

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	331000	U
62-53-3	Aniline	331000	U
111-44-4	Bis(2-Chloroethyl)ether	331000	U
108-95-2	Phenol	1650000	U
95-57-8	2-Chlorophenol	331000	U
541-73-1	1,3-Dichlorobenzene	331000	U
106-46-7	1,4-Dichlorobenzene	331000	U
95-50-1	1,2-Dichlorobenzene	331000	U
100-51-6	Benzyl alcohol	827000	U
108-60-1	2,2-Oxybis(1-chloropropane)	335000	U
95-48-7	2-Methylphenol (o-Cresol)	331000	U
67-72-1	Hexachloroethane	335000	U
621-64-7	N-Nitroso-di-n-propylamine	331000	U
106-44-5	4-Methylphenol	331000	U
98-95-3	Nitrobenzene	331000	U
78-59-1	Isophorone	331000	U
88-75-5	2-Nitrophenol	331000	U
105-67-9	2,4-Dimethylphenol	331000	U
65-85-0	Benzoic acid	1650000	U
111-91-1	Bis(2-Chloroethoxy)methane	331000	U
120-83-2	2,4-Dichlorophenol	331000	U
120-82-1	1,2,4-Trichlorobenzene	331000	U
91-20-3	Naphthalene	481000	
106-47-8	4-Chloroaniline	331000	U
91-57-6	2-Methylnaphthalene	331000	U
87-68-3	Hexachlorobutadiene	331000	U
59-50-7	4-Chloro-3-methylphenol	331000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD241

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746309 Lab File ID: 463-09DT.D

Sample wt/vol: 1.21 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1703

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	331000	U
77-47-4	Hexachlorocyclopentadiene	827000	U
88-06-2	2,4,6-Trichlorophenol	331000	U
95-95-4	2,4,5-Trichlorophenol	331000	U
91-58-7	2-Chloronaphthalene	335000	U
88-74-4	2-Nitroaniline	331000	U
208-96-8	Acenaphthylene	331000	U
131-11-3	Dimethyl-phthalate	331000	U
606-20-2	2,6-Dinitrotoluene	331000	U
83-32-9	Acenaphthene	331000	U
99-09-2	3-Nitroaniline	331000	U
51-28-5	2,4-Dinitrophenol	1660000	U
132-64-9	Dibenzofuran	331000	U
121-14-2	2,4-Dinitrotoluene	331000	U
100-02-7	4-Nitrophenol	827000	U
86-73-7	Fluorene	331000	U
7005-72-3	4-Chlorophenyl-phenylether	331000	U
84-66-2	Diethylphthalate	331000	U
100-01-6	4-Nitroaniline	331000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1650000	U
86-30-6	N-Nitrosodiphenylamine	331000	U
101-55-3	4-Bromophenyl-phenylether	331000	U
118-74-1	Hexachlorobenzene	331000	U
87-86-5	Pentachlorophenol	1650000	U
85-01-8	Phenanthrene	331000	U
120-12-7	Anthracene	331000	U
84-74-2	Di-n-butylphthalate	331000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD241

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746309 Lab File ID: 463-09DT.D

Sample wt/vol: 1.21 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1703

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	331000	U
129-00-0	Pyrene	331000	U
92-87-5	Benzidine	830000	U
85-68-7	Butylbenzylphthalate	331000	U
91-94-1	3,3'-Dichlorobenzidine	331000	U
56-55-3	Benzo(a)anthracene	331000	U
218-01-9	Chrysene	331000	U
117-81-7	bis(2-ethylhexyl)phthalate	331000	U
117-84-0	Di-n-octylphthalate	331000	U
205-99-2	Benzo(b)fluoranthene	331000	U
207-08-9	Benzo(k)fluoranthene	331000	U
50-32-8	Benzo(a)pyrene	331000	U
193-39-5	Indeno(1,2,3-cd)pyrene	331000	U
53-70-3	Dibenz(a,h)anthracene	331000	U
191-24-2	Benzo(g,h,i)perylene	331000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD239

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310 Lab File ID: 463-10DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1733

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	339000	U
62-53-3	Aniline	339000	U
111-44-4	Bis(2-Chloroethyl)ether	339000	U
108-95-2	Phenol	1700000	U
95-57-8	2-Chlorophenol	339000	U
541-73-1	1,3-Dichlorobenzene	339000	U
106-46-7	1,4-Dichlorobenzene	339000	U
95-50-1	1,2-Dichlorobenzene	339000	U
100-51-6	Benzyl alcohol	848000	U
108-60-1	2,2-Oxybis(1-chloropropane)	343000	U
95-48-7	2-Methylphenol (o-Cresol)	339000	U
67-72-1	Hexachloroethane	343000	U
621-64-7	N-Nitroso-di-n-propylamine	339000	U
106-44-5	4-Methylphenol	339000	U
98-95-3	Nitrobenzene	339000	U
78-59-1	Isophorone	339000	U
88-75-5	2-Nitrophenol	339000	U
105-67-9	2,4-Dimethylphenol	339000	U
65-85-0	Benzoic acid	1700000	U
111-91-1	Bis(2-Chloroethoxy)methane	339000	U
120-83-2	2,4-Dichlorophenol	339000	U
120-82-1	1,2,4-Trichlorobenzene	339000	U
91-20-3	Naphthalene	856000	
106-47-8	4-Chloroaniline	339000	U
91-57-6	2-Methylnaphthalene	339000	U
87-68-3	Hexachlorobutadiene	339000	U
59-50-7	4-Chloro-3-methylphenol	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD239

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310 Lab File ID: 463-10DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1733

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	339000	U
77-47-4	Hexachlorocyclopentadiene	848000	U
88-06-2	2,4,6-Trichlorophenol	339000	U
95-95-4	2,4,5-Trichlorophenol	339000	U
91-58-7	2-Chloronaphthalene	343000	U
88-74-4	2-Nitroaniline	339000	U
208-96-8	Acenaphthylene	339000	U
131-11-3	Dimethyl-phthalate	339000	U
606-20-2	2,6-Dinitrotoluene	339000	U
83-32-9	Acenaphthene	339000	U
99-09-2	3-Nitroaniline	339000	U
51-28-5	2,4-Dinitrophenol	1700000	U
132-64-9	Dibenzofuran	339000	U
121-14-2	2,4-Dinitrotoluene	339000	U
100-02-7	4-Nitrophenol	848000	U
86-73-7	Fluorene	339000	U
7005-72-3	4-Chlorophenyl-phenylether	339000	U
84-66-2	Diethylphthalate	339000	U
100-01-6	4-Nitroaniline	339000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1700000	U
86-30-6	N-Nitrosodiphenylamine	339000	U
101-55-3	4-Bromophenyl-phenylether	339000	U
118-74-1	Hexachlorobenzene	339000	U
87-86-5	Pentachlorophenol	1700000	U
85-01-8	Phenanthrene	339000	U
120-12-7	Anthracene	339000	U
84-74-2	Di-n-butylphthalate	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD239

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310 Lab File ID: 463-10DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1733

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	339000	U
129-00-0	Pyrene	339000	U
92-87-5	Benzidine	852000	U
85-68-7	Butylbenzylphthalate	339000	U
91-94-1	3,3'-Dichlorobenzidine	339000	U
56-55-3	Benzo(a)anthracene	339000	U
218-01-9	Chrysene	339000	U
117-81-7	bis(2-ethylhexyl)phthalate	339000	U
117-84-0	Di-n-octylphthalate	339000	U
205-99-2	Benzo(b)fluoranthene	339000	U
207-08-9	Benzo(k)fluoranthene	339000	U
50-32-8	Benzo(a)pyrene	339000	U
193-39-5	Indeno(1,2,3-cd)pyrene	339000	U
53-70-3	Dibenz(a,h)anthracene	339000	U
191-24-2	Benzo(g,h,i)perylene	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD229

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746311 Lab File ID: 463-11DT.D

Sample wt/vol: 1.19 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1804

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	336000	U
62-53-3	Aniline	336000	U
111-44-4	Bis(2-Chloroethyl)ether	336000	U
108-95-2	Phenol	1680000	U
95-57-8	2-Chlorophenol	336000	U
541-73-1	1,3-Dichlorobenzene	336000	U
106-46-7	1,4-Dichlorobenzene	336000	U
95-50-1	1,2-Dichlorobenzene	336000	U
100-51-6	Benzyl alcohol	841000	U
108-60-1	2,2-Oxybis(1-chloropropane)	340000	U
95-48-7	2-Methylphenol (o-Cresol)	336000	U
67-72-1	Hexachloroethane	340000	U
621-64-7	N-Nitroso-di-n-propylamine	336000	U
106-44-5	4-Methylphenol	336000	U
98-95-3	Nitrobenzene	336000	U
78-59-1	Isophorone	336000	U
88-75-5	2-Nitrophenol	336000	U
105-67-9	2,4-Dimethylphenol	336000	U
65-85-0	Benzoic acid	1680000	U
111-91-1	Bis(2-Chloroethoxy)methane	336000	U
120-83-2	2,4-Dichlorophenol	336000	U
120-82-1	1,2,4-Trichlorobenzene	336000	U
91-20-3	Naphthalene	336000	U
106-47-8	4-Chloroaniline	336000	U
91-57-6	2-Methylnaphthalene	336000	U
87-68-3	Hexachlorobutadiene	336000	U
59-50-7	4-Chloro-3-methylphenol	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD229

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746311 Lab File ID: 463-11DT.D

Sample wt/vol: 1.19 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1804

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	336000	U
77-47-4	Hexachlorocyclopentadiene	841000	U
88-06-2	2,4,6-Trichlorophenol	336000	U
95-95-4	2,4,5-Trichlorophenol	336000	U
91-58-7	2-Chloronaphthalene	340000	U
88-74-4	2-Nitroaniline	336000	U
208-96-8	Acenaphthylene	336000	U
131-11-3	Dimethyl-phthalate	336000	U
606-20-2	2,6-Dinitrotoluene	336000	U
83-32-9	Acenaphthene	336000	U
99-09-2	3-Nitroaniline	336000	U
51-28-5	2,4-Dinitrophenol	1690000	U
132-64-9	Dibenzofuran	336000	U
121-14-2	2,4-Dinitrotoluene	336000	U
100-02-7	4-Nitrophenol	841000	U
86-73-7	Fluorene	336000	U
7005-72-3	4-Chlorophenyl-phenylether	336000	U
84-66-2	Diethylphthalate	336000	U
100-01-6	4-Nitroaniline	336000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1680000	U
86-30-6	N-Nitrosodiphenylamine	336000	U
101-55-3	4-Bromophenyl-phenylether	336000	U
118-74-1	Hexachlorobenzene	336000	U
87-86-5	Pentachlorophenol	1680000	U
85-01-8	Phenanthrene	336000	U
120-12-7	Anthracene	336000	U
84-74-2	Di-n-butylphthalate	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD229

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746311 Lab File ID: 463-11DT.D

Sample wt/vol: 1.19 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1804

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	336000	U
129-00-0	Pyrene	336000	U
92-87-5	Benzidine	844000	U
85-68-7	Butylbenzylphthalate	336000	U
91-94-1	3,3'-Dichlorobenzidine	336000	U
56-55-3	Benzo(a)anthracene	336000	U
218-01-9	Chrysene	336000	U
117-81-7	bis(2-ethylhexyl)phthalate	336000	U
117-84-0	Di-n-octylphthalate	336000	U
205-99-2	Benzo(b)fluoranthene	336000	U
207-08-9	Benzo(k)fluoranthene	336000	U
50-32-8	Benzo(a)pyrene	336000	U
193-39-5	Indeno(1,2,3-cd)pyrene	336000	U
53-70-3	Dibenz(a,h)anthracene	336000	U
191-24-2	Benzo(g,h,i)perylene	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD228

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746312 Lab File ID: 463-12DT.D

Sample wt/vol: 1.26 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1834

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	318000	U
62-53-3	Aniline	318000	U
111-44-4	Bis(2-Chloroethyl)ether	318000	U
108-95-2	Phenol	1590000	U
95-57-8	2-Chlorophenol	318000	U
541-73-1	1,3-Dichlorobenzene	318000	U
106-46-7	1,4-Dichlorobenzene	318000	U
95-50-1	1,2-Dichlorobenzene	318000	U
100-51-6	Benzyl alcohol	794000	U
108-60-1	2,2-Oxybis(1-chloropropane)	321000	U
95-48-7	2-Methylphenol (o-Cresol)	318000	U
67-72-1	Hexachloroethane	321000	U
621-64-7	N-Nitroso-di-n-propylamine	318000	U
106-44-5	4-Methylphenol	318000	U
98-95-3	Nitrobenzene	318000	U
78-59-1	Isophorone	318000	U
88-75-5	2-Nitrophenol	318000	U
105-67-9	2,4-Dimethylphenol	318000	U
65-85-0	Benzoic acid	1590000	U
111-91-1	Bis(2-Chloroethoxy)methane	318000	U
120-83-2	2,4-Dichlorophenol	318000	U
120-82-1	1,2,4-Trichlorobenzene	318000	U
91-20-3	Naphthalene	318000	U
106-47-8	4-Chloroaniline	318000	U
91-57-6	2-Methylnaphthalene	318000	U
87-68-3	Hexachlorobutadiene	318000	U
59-50-7	4-Chloro-3-methylphenol	318000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD228

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746312 Lab File ID: 463-12DT.D

Sample wt/vol: 1.26 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1834

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	318000	U
77-47-4	Hexachlorocyclopentadiene	794000	U
88-06-2	2,4,6-Trichlorophenol	318000	U
95-95-4	2,4,5-Trichlorophenol	318000	U
91-58-7	2-Chloronaphthalene	321000	U
88-74-4	2-Nitroaniline	318000	U
208-96-8	Acenaphthylene	318000	U
131-11-3	Dimethyl-phthalate	318000	U
606-20-2	2,6-Dinitrotoluene	318000	U
83-32-9	Acenaphthene	318000	U
99-09-2	3-Nitroaniline	318000	U
51-28-5	2,4-Dinitrophenol	1600000	U
132-64-9	Dibenzofuran	318000	U
121-14-2	2,4-Dinitrotoluene	318000	U
100-02-7	4-Nitrophenol	794000	U
86-73-7	Fluorene	318000	U
7005-72-3	4-Chlorophenyl-phenylether	318000	U
84-66-2	Diethylphthalate	318000	U
100-01-6	4-Nitroaniline	318000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1590000	U
86-30-6	N-Nitrosodiphenylamine	318000	U
101-55-3	4-Bromophenyl-phenylether	318000	U
118-74-1	Hexachlorobenzene	318000	U
87-86-5	Pentachlorophenol	1590000	U
85-01-8	Phenanthrene	318000	U
120-12-7	Anthracene	318000	U
84-74-2	Di-n-butylphthalate	318000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD228

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746312 Lab File ID: 463-12DT.D

Sample wt/vol: 1.26 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1834

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	318000	U
129-00-0	Pyrene	318000	U
92-87-5	Benzidine	798000	U
85-68-7	Butylbenzylphthalate	318000	U
91-94-1	3,3'-Dichlorobenzidine	318000	U
56-55-3	Benzo(a)anthracene	318000	U
218-01-9	Chrysene	318000	U
117-81-7	bis(2-ethylhexyl)phthalate	318000	U
117-84-0	Di-n-octylphthalate	318000	U
205-99-2	Benzo(b)fluoranthene	318000	U
207-08-9	Benzo(k)fluoranthene	318000	U
50-32-8	Benzo(a)pyrene	318000	U
193-39-5	Indeno(1,2,3-cd)pyrene	318000	U
53-70-3	Dibenz(a,h)anthracene	318000	U
191-24-2	Benzo(g,h,i)perylene	318000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD233

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746313 Lab File ID: 463-13DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1904

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	351000	U
62-53-3	Aniline	351000	U
111-44-4	Bis(2-Chloroethyl)ether	351000	U
108-95-2	Phenol	533000	J
95-57-8	2-Chlorophenol	351000	U
541-73-1	1,3-Dichlorobenzene	351000	U
106-46-7	1,4-Dichlorobenzene	351000	U
95-50-1	1,2-Dichlorobenzene	351000	U
100-51-6	Benzyl alcohol	878000	U
108-60-1	2,2-Oxybis(1-chloropropane)	355000	U
95-48-7	2-Methylphenol (o-Cresol)	351000	U
67-72-1	Hexachloroethane	355000	U
621-64-7	N-Nitroso-di-n-propylamine	351000	U
106-44-5	4-Methylphenol	351000	U
98-95-3	Nitrobenzene	351000	U
78-59-1	Isophorone	351000	U
88-75-5	2-Nitrophenol	351000	U
105-67-9	2,4-Dimethylphenol	351000	U
65-85-0	Benzoic acid	1760000	U
111-91-1	Bis(2-Chloroethoxy)methane	351000	U
120-83-2	2,4-Dichlorophenol	351000	U
120-82-1	1,2,4-Trichlorobenzene	351000	U
91-20-3	Naphthalene	351000	U
106-47-8	4-Chloroaniline	351000	U
91-57-6	2-Methylnaphthalene	351000	U
87-68-3	Hexachlorobutadiene	351000	U
59-50-7	4-Chloro-3-methylphenol	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD233

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746313 Lab File ID: 463-13DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1904

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	351000	U
77-47-4	Hexachlorocyclopentadiene	878000	U
88-06-2	2,4,6-Trichlorophenol	351000	U
95-95-4	2,4,5-Trichlorophenol	351000	U
91-58-7	2-Chloronaphthalene	355000	U
88-74-4	2-Nitroaniline	351000	U
208-96-8	Acenaphthylene	351000	U
131-11-3	Dimethyl-phthalate	351000	U
606-20-2	2,6-Dinitrotoluene	351000	U
83-32-9	Acenaphthene	351000	U
99-09-2	3-Nitroaniline	351000	U
51-28-5	2,4-Dinitrophenol	1760000	U
132-64-9	Dibenzofuran	351000	U
121-14-2	2,4-Dinitrotoluene	351000	U
100-02-7	4-Nitrophenol	878000	U
86-73-7	Fluorene	351000	U
7005-72-3	4-Chlorophenyl-phenylether	351000	U
84-66-2	Diethylphthalate	351000	U
100-01-6	4-Nitroaniline	351000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1760000	U
86-30-6	N-Nitrosodiphenylamine	351000	U
101-55-3	4-Bromophenyl-phenylether	351000	U
118-74-1	Hexachlorobenzene	351000	U
87-86-5	Pentachlorophenol	1760000	U
85-01-8	Phenanthrene	351000	U
120-12-7	Anthracene	351000	U
84-74-2	Di-n-butylphthalate	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD233

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746313 Lab File ID: 463-13DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1904

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	351000	U
129-00-0	Pyrene	351000	U
92-87-5	Benzidine	882000	U
85-68-7	Butylbenzylphthalate	351000	U
91-94-1	3,3'-Dichlorobenzidine	351000	U
56-55-3	Benzo(a)anthracene	351000	U
218-01-9	Chrysene	351000	U
117-81-7	bis(2-ethylhexyl)phthalate	351000	U
117-84-0	Di-n-octylphthalate	351000	U
205-99-2	Benzo(b)fluoranthene	351000	U
207-08-9	Benzo(k)fluoranthene	351000	U
50-32-8	Benzo(a)pyrene	351000	U
193-39-5	Indeno(1,2,3-cd)pyrene	351000	U
53-70-3	Dibenz(a,h)anthracene	351000	U
191-24-2	Benzo(g,h,i)perylene	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD255

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746314 Lab File ID: 463-14DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1933

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	328000	U
62-53-3	Aniline	328000	U
111-44-4	Bis(2-Chloroethyl)ether	328000	U
108-95-2	Phenol	1640000	U
95-57-8	2-Chlorophenol	328000	U
541-73-1	1,3-Dichlorobenzene	328000	U
106-46-7	1,4-Dichlorobenzene	328000	U
95-50-1	1,2-Dichlorobenzene	328000	U
100-51-6	Benzyl alcohol	820000	U
108-60-1	2,2-Oxybis(1-chloropropane)	332000	U
95-48-7	2-Methylphenol (o-Cresol)	328000	U
67-72-1	Hexachloroethane	332000	U
621-64-7	N-Nitroso-di-n-propylamine	328000	U
106-44-5	4-Methylphenol	149000	J
98-95-3	Nitrobenzene	328000	U
78-59-1	Isophorone	328000	U
88-75-5	2-Nitrophenol	328000	U
105-67-9	2,4-Dimethylphenol	328000	U
65-85-0	Benzoic acid	1640000	U
111-91-1	Bis(2-Chloroethoxy)methane	328000	U
120-83-2	2,4-Dichlorophenol	328000	U
120-82-1	1,2,4-Trichlorobenzene	328000	U
91-20-3	Naphthalene	328000	U
106-47-8	4-Chloroaniline	328000	U
91-57-6	2-Methylnaphthalene	328000	U
87-68-3	Hexachlorobutadiene	328000	U
59-50-7	4-Chloro-3-methylphenol	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD255

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746314 Lab File ID: 463-14DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1933

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	328000	U
77-47-4	Hexachlorocyclopentadiene	820000	U
88-06-2	2,4,6-Trichlorophenol	328000	U
95-95-4	2,4,5-Trichlorophenol	328000	U
91-58-7	2-Chloronaphthalene	332000	U
88-74-4	2-Nitroaniline	328000	U
208-96-8	Acenaphthylene	328000	U
131-11-3	Dimethyl-phthalate	328000	U
606-20-2	2,6-Dinitrotoluene	328000	U
83-32-9	Acenaphthene	328000	U
99-09-2	3-Nitroaniline	328000	U
51-28-5	2,4-Dinitrophenol	1650000	U
132-64-9	Dibenzofuran	328000	U
121-14-2	2,4-Dinitrotoluene	328000	U
100-02-7	4-Nitrophenol	820000	U
86-73-7	Fluorene	328000	U
7005-72-3	4-Chlorophenyl-phenylether	328000	U
84-66-2	Diethylphthalate	328000	U
100-01-6	4-Nitroaniline	328000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1640000	U
86-30-6	N-Nitrosodiphenylamine	328000	U
101-55-3	4-Bromophenyl-phenylether	328000	U
118-74-1	Hexachlorobenzene	328000	U
87-86-5	Pentachlorophenol	1640000	U
85-01-8	Phenanthrene	328000	U
120-12-7	Anthracene	328000	U
84-74-2	Di-n-butylphthalate	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD255

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746314 Lab File ID: 463-14DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1933

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	328000	U
129-00-0	Pyrene	328000	U
92-87-5	Benzidine	824000	U
85-68-7	Butylbenzylphthalate	328000	U
91-94-1	3,3'-Dichlorobenzidine	328000	U
56-55-3	Benzo(a)anthracene	328000	U
218-01-9	Chrysene	328000	U
117-81-7	bis(2-ethylhexyl)phthalate	328000	U
117-84-0	Di-n-octylphthalate	328000	U
205-99-2	Benzo(b)fluoranthene	328000	U
207-08-9	Benzo(k)fluoranthene	328000	U
50-32-8	Benzo(a)pyrene	328000	U
193-39-5	Indeno(1,2,3-cd)pyrene	328000	U
53-70-3	Dibenz(a,h)anthracene	328000	U
191-24-2	Benzo(g,h,i)perylene	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD259

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746315 Lab File ID: 463-15DT.D

Sample wt/vol: 1.21 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2003

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	331000	U
62-53-3	Aniline	331000	U
111-44-4	Bis(2-Chloroethyl)ether	331000	U
108-95-2	Phenol	1070000	J
95-57-8	2-Chlorophenol	331000	U
541-73-1	1,3-Dichlorobenzene	331000	U
106-46-7	1,4-Dichlorobenzene	331000	U
95-50-1	1,2-Dichlorobenzene	331000	U
100-51-6	Benzyl alcohol	827000	U
108-60-1	2,2-Oxybis(1-chloropropane)	335000	U
95-48-7	2-Methylphenol (o-Cresol)	331000	U
67-72-1	Hexachloroethane	335000	U
621-64-7	N-Nitroso-di-n-propylamine	331000	U
106-44-5	4-Methylphenol	79400	J
98-95-3	Nitrobenzene	331000	U
78-59-1	Isophorone	331000	U
88-75-5	2-Nitrophenol	331000	U
105-67-9	2,4-Dimethylphenol	331000	U
65-85-0	Benzoic acid	1650000	U
111-91-1	Bis(2-Chloroethoxy)methane	331000	U
120-83-2	2,4-Dichlorophenol	331000	U
120-82-1	1,2,4-Trichlorobenzene	331000	U
91-20-3	Naphthalene	331000	U
106-47-8	4-Chloroaniline	331000	U
91-57-6	2-Methylnaphthalene	331000	U
87-68-3	Hexachlorobutadiene	331000	U
59-50-7	4-Chloro-3-methylphenol	331000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD259

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746315 Lab File ID: 463-15DT.D

Sample wt/vol: 1.21 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2003

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	331000	U
77-47-4	Hexachlorocyclopentadiene	827000	U
88-06-2	2,4,6-Trichlorophenol	331000	U
95-95-4	2,4,5-Trichlorophenol	331000	U
91-58-7	2-Chloronaphthalene	335000	U
88-74-4	2-Nitroaniline	331000	U
208-96-8	Acenaphthylene	331000	U
131-11-3	Dimethyl-phthalate	331000	U
606-20-2	2,6-Dinitrotoluene	331000	U
83-32-9	Acenaphthene	331000	U
99-09-2	3-Nitroaniline	331000	U
51-28-5	2,4-Dinitrophenol	1660000	U
132-64-9	Dibenzofuran	331000	U
121-14-2	2,4-Dinitrotoluene	331000	U
100-02-7	4-Nitrophenol	827000	U
86-73-7	Fluorene	331000	U
7005-72-3	4-Chlorophenyl-phenylether	331000	U
84-66-2	Diethylphthalate	331000	U
100-01-6	4-Nitroaniline	331000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1650000	U
86-30-6	N-Nitrosodiphenylamine	331000	U
101-55-3	4-Bromophenyl-phenylether	331000	U
118-74-1	Hexachlorobenzene	331000	U
87-86-5	Pentachlorophenol	1650000	U
85-01-8	Phenanthrene	331000	U
120-12-7	Anthracene	331000	U
84-74-2	Di-n-butylphthalate	331000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD259

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746315 Lab File ID: 463-15DT.D

Sample wt/vol: 1.21 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2003

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	331000	U
129-00-0	Pyrene	331000	U
92-87-5	Benzidine	830000	U
85-68-7	Butylbenzylphthalate	331000	U
91-94-1	3,3'-Dichlorobenzidine	331000	U
56-55-3	Benzo(a)anthracene	331000	U
218-01-9	Chrysene	331000	U
117-81-7	bis(2-ethylhexyl)phthalate	331000	U
117-84-0	Di-n-octylphthalate	331000	U
205-99-2	Benzo(b)fluoranthene	331000	U
207-08-9	Benzo(k)fluoranthene	331000	U
50-32-8	Benzo(a)pyrene	331000	U
193-39-5	Indeno(1,2,3-cd)pyrene	331000	U
53-70-3	Dibenz(a,h)anthracene	331000	U
191-24-2	Benzo(g,h,i)perylene	331000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD257

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316 Lab File ID: 463-16DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2033

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	334000	U
62-53-3	Aniline	334000	U
111-44-4	Bis(2-Chloroethyl)ether	334000	U
108-95-2	Phenol	1670000	U
95-57-8	2-Chlorophenol	334000	U
541-73-1	1,3-Dichlorobenzene	334000	U
106-46-7	1,4-Dichlorobenzene	334000	U
95-50-1	1,2-Dichlorobenzene	334000	U
100-51-6	Benzyl alcohol	834000	U
108-60-1	2,2-Oxybis(1-chloropropane)	338000	U
95-48-7	2-Methylphenol (o-Cresol)	334000	U
67-72-1	Hexachloroethane	338000	U
621-64-7	N-Nitroso-di-n-propylamine	334000	U
106-44-5	4-Methylphenol	56000	J
98-95-3	Nitrobenzene	334000	U
78-59-1	Isophorone	334000	U
88-75-5	2-Nitrophenol	334000	U
105-67-9	2,4-Dimethylphenol	334000	U
65-85-0	Benzoic acid	1670000	U
111-91-1	Bis(2-Chloroethoxy)methane	334000	U
120-83-2	2,4-Dichlorophenol	334000	U
120-82-1	1,2,4-Trichlorobenzene	334000	U
91-20-3	Naphthalene	334000	U
106-47-8	4-Chloroaniline	334000	U
91-57-6	2-Methylnaphthalene	334000	U
87-68-3	Hexachlorobutadiene	334000	U
59-50-7	4-Chloro-3-methylphenol	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD257

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316 Lab File ID: 463-16DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2033

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	334000	U
77-47-4	Hexachlorocyclopentadiene	834000	U
88-06-2	2,4,6-Trichlorophenol	334000	U
95-95-4	2,4,5-Trichlorophenol	334000	U
91-58-7	2-Chloronaphthalene	338000	U
88-74-4	2-Nitroaniline	334000	U
208-96-8	Acenaphthylene	334000	U
131-11-3	Dimethyl-phthalate	334000	U
606-20-2	2,6-Dinitrotoluene	334000	U
83-32-9	Acenaphthene	334000	U
99-09-2	3-Nitroaniline	334000	U
51-28-5	2,4-Dinitrophenol	1680000	U
132-64-9	Dibenzofuran	334000	U
121-14-2	2,4-Dinitrotoluene	334000	U
100-02-7	4-Nitrophenol	834000	U
86-73-7	Fluorene	334000	U
7005-72-3	4-Chlorophenyl-phenylether	334000	U
84-66-2	Diethylphthalate	334000	U
100-01-6	4-Nitroaniline	334000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1670000	U
86-30-6	N-Nitrosodiphenylamine	334000	U
101-55-3	4-Bromophenyl-phenylether	334000	U
118-74-1	Hexachlorobenzene	334000	U
87-86-5	Pentachlorophenol	1670000	U
85-01-8	Phenanthrene	334000	U
120-12-7	Anthracene	334000	U
84-74-2	Di-n-butylphthalate	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD257

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316 Lab File ID: 463-16DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2033

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	334000	U
129-00-0	Pyrene	334000	U
92-87-5	Benzidine	838000	U
85-68-7	Butylbenzylphthalate	334000	U
91-94-1	3,3'-Dichlorobenzidine	334000	U
56-55-3	Benzo(a)anthracene	334000	U
218-01-9	Chrysene	334000	U
117-81-7	bis(2-ethylhexyl)phthalate	334000	U
117-84-0	Di-n-octylphthalate	334000	U
205-99-2	Benzo(b)fluoranthene	334000	U
207-08-9	Benzo(k)fluoranthene	334000	U
50-32-8	Benzo(a)pyrene	334000	U
193-39-5	Indeno(1,2,3-cd)pyrene	334000	U
53-70-3	Dibenz(a,h)anthracene	334000	U
191-24-2	Benzo(g,h,i)perylene	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD251

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746317 Lab File ID: 463-17DT.D

Sample wt/vol: 1.3 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2103

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	308000	U
62-53-3	Aniline	308000	U
111-44-4	Bis(2-Chloroethyl)ether	308000	U
108-95-2	Phenol	1540000	U
95-57-8	2-Chlorophenol	308000	U
541-73-1	1,3-Dichlorobenzene	308000	U
106-46-7	1,4-Dichlorobenzene	308000	U
95-50-1	1,2-Dichlorobenzene	308000	U
100-51-6	Benzyl alcohol	770000	U
108-60-1	2,2-Oxybis(1-chloropropane)	312000	U
95-48-7	2-Methylphenol (o-Cresol)	308000	U
67-72-1	Hexachloroethane	312000	U
621-64-7	N-Nitroso-di-n-propylamine	308000	U
106-44-5	4-Methylphenol	51100	J
98-95-3	Nitrobenzene	308000	U
78-59-1	Isophorone	308000	U
88-75-5	2-Nitrophenol	308000	U
105-67-9	2,4-Dimethylphenol	308000	U
65-85-0	Benzoic acid	1540000	U
111-91-1	Bis(2-Chloroethoxy)methane	308000	U
120-83-2	2,4-Dichlorophenol	308000	U
120-82-1	1,2,4-Trichlorobenzene	308000	U
91-20-3	Naphthalene	308000	U
106-47-8	4-Chloroaniline	308000	U
91-57-6	2-Methylnaphthalene	308000	U
87-68-3	Hexachlorobutadiene	308000	U
59-50-7	4-Chloro-3-methylphenol	308000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD251

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746317 Lab File ID: 463-17DT.D

Sample wt/vol: 1.3 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2103

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	308000	U
77-47-4	Hexachlorocyclopentadiene	770000	U
88-06-2	2,4,6-Trichlorophenol	308000	U
95-95-4	2,4,5-Trichlorophenol	308000	U
91-58-7	2-Chloronaphthalene	312000	U
88-74-4	2-Nitroaniline	308000	U
208-96-8	Acenaphthylene	308000	U
131-11-3	Dimethyl-phthalate	308000	U
606-20-2	2,6-Dinitrotoluene	308000	U
83-32-9	Acenaphthene	308000	U
99-09-2	3-Nitroaniline	308000	U
51-28-5	2,4-Dinitrophenol	1550000	U
132-64-9	Dibenzofuran	308000	U
121-14-2	2,4-Dinitrotoluene	308000	U
100-02-7	4-Nitrophenol	770000	U
86-73-7	Fluorene	308000	U
7005-72-3	4-Chlorophenyl-phenylether	308000	U
84-66-2	Diethylphthalate	308000	U
100-01-6	4-Nitroaniline	308000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1540000	U
86-30-6	N-Nitrosodiphenylamine	308000	U
101-55-3	4-Bromophenyl-phenylether	308000	U
118-74-1	Hexachlorobenzene	308000	U
87-86-5	Pentachlorophenol	1540000	U
85-01-8	Phenanthrene	75900	J
120-12-7	Anthracene	308000	U
84-74-2	Di-n-butylphthalate	308000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD251

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746317 Lab File ID: 463-17DT.D

Sample wt/vol: 1.3 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2103

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	308000	U
129-00-0	Pyrene	308000	U
92-87-5	Benzidine	773000	U
85-68-7	Butylbenzylphthalate	308000	U
91-94-1	3,3'-Dichlorobenzidine	308000	U
56-55-3	Benzo(a)anthracene	308000	U
218-01-9	Chrysene	308000	U
117-81-7	bis(2-ethylhexyl)phthalate	308000	U
117-84-0	Di-n-octylphthalate	308000	U
205-99-2	Benzo(b)fluoranthene	308000	U
207-08-9	Benzo(k)fluoranthene	308000	U
50-32-8	Benzo(a)pyrene	308000	U
193-39-5	Indeno(1,2,3-cd)pyrene	308000	U
53-70-3	Dibenz(a,h)anthracene	308000	U
191-24-2	Benzo(g,h,i)perylene	308000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD262

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746318 Lab File ID: 463-18DT.D

Sample wt/vol: 1.08 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2133

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	371000	U
62-53-3	Aniline	371000	U
111-44-4	Bis(2-Chloroethyl)ether	371000	U
108-95-2	Phenol	1850000	U
95-57-8	2-Chlorophenol	371000	U
541-73-1	1,3-Dichlorobenzene	371000	U
106-46-7	1,4-Dichlorobenzene	371000	U
95-50-1	1,2-Dichlorobenzene	371000	U
100-51-6	Benzyl alcohol	926000	U
108-60-1	2,2-Oxybis(1-chloropropane)	375000	U
95-48-7	2-Methylphenol (o-Cresol)	371000	U
67-72-1	Hexachloroethane	375000	U
621-64-7	N-Nitroso-di-n-propylamine	371000	U
106-44-5	4-Methylphenol	371000	U
98-95-3	Nitrobenzene	371000	U
78-59-1	Isophorone	371000	U
88-75-5	2-Nitrophenol	371000	U
105-67-9	2,4-Dimethylphenol	371000	U
65-85-0	Benzoic acid	1850000	U
111-91-1	Bis(2-Chloroethoxy)methane	371000	U
120-83-2	2,4-Dichlorophenol	371000	U
120-82-1	1,2,4-Trichlorobenzene	371000	U
91-20-3	Naphthalene	371000	U
106-47-8	4-Chloroaniline	371000	U
91-57-6	2-Methylnaphthalene	371000	U
87-68-3	Hexachlorobutadiene	371000	U
59-50-7	4-Chloro-3-methylphenol	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD262

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746318 Lab File ID: 463-18DT.D

Sample wt/vol: 1.08 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2133

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	371000	U
77-47-4	Hexachlorocyclopentadiene	926000	U
88-06-2	2,4,6-Trichlorophenol	371000	U
95-95-4	2,4,5-Trichlorophenol	371000	U
91-58-7	2-Chloronaphthalene	375000	U
88-74-4	2-Nitroaniline	371000	U
208-96-8	Acenaphthylene	371000	U
131-11-3	Dimethyl-phthalate	371000	U
606-20-2	2,6-Dinitrotoluene	371000	U
83-32-9	Acenaphthene	371000	U
99-09-2	3-Nitroaniline	371000	U
51-28-5	2,4-Dinitrophenol	1860000	U
132-64-9	Dibenzofuran	371000	U
121-14-2	2,4-Dinitrotoluene	371000	U
100-02-7	4-Nitrophenol	926000	U
86-73-7	Fluorene	371000	U
7005-72-3	4-Chlorophenyl-phenylether	371000	U
84-66-2	Diethylphthalate	371000	U
100-01-6	4-Nitroaniline	371000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1850000	U
86-30-6	N-Nitrosodiphenylamine	371000	U
101-55-3	4-Bromophenyl-phenylether	371000	U
118-74-1	Hexachlorobenzene	371000	U
87-86-5	Pentachlorophenol	1850000	U
85-01-8	Phenanthrene	371000	U
120-12-7	Anthracene	371000	U
84-74-2	Di-n-butylphthalate	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD262

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746318 Lab File ID: 463-18DT.D

Sample wt/vol: 1.08 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2133

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	371000	U
129-00-0	Pyrene	371000	U
92-87-5	Benzidine	930000	U
85-68-7	Butylbenzylphthalate	371000	U
91-94-1	3,3'-Dichlorobenzidine	371000	U
56-55-3	Benzo(a)anthracene	371000	U
218-01-9	Chrysene	371000	U
117-81-7	bis(2-ethylhexyl)phthalate	371000	U
117-84-0	Di-n-octylphthalate	371000	U
205-99-2	Benzo(b)fluoranthene	371000	U
207-08-9	Benzo(k)fluoranthene	371000	U
50-32-8	Benzo(a)pyrene	371000	U
193-39-5	Indeno(1,2,3-cd)pyrene	371000	U
53-70-3	Dibenz(a,h)anthracene	371000	U
191-24-2	Benzo(g,h,i)perylene	371000	U

QC Summary

100907 1441

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3382BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 248024 Lab File ID: 3382BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1133

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3382BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 248024 Lab File ID: 3382BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1133

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3382BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 248024 Lab File ID: 3382BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 1133

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

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SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3382LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	40000	38100	95.2		30.0	48 - 115
Aniline	40000	40400	101.0		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	44000	110.0 *		30.0	61 - 105
Phenol	40000	31100	77.8		23.0	46 - 100
2-Chlorophenol	40000	39500	98.8		24.0	54 - 105
1,3-Dichlorobenzene	40000	44700	112.0 *		26.0	67 - 100
1,4-Dichlorobenzene	40000	44900	112.0 *		27.0	62 - 105
1,2-Dichlorobenzene	40000	42600	106.0 *		30.0	65 - 95
Benzyl alcohol	40000	0	0.0 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	43900	110.0		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	28200	70.5		30.0	58 - 105
Hexachloroethane	40000	43500	109.0		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	41000	102.0		28.0	59 - 115
4-Methylphenol	40000	35400	88.5		26.0	57 - 105
Nitrobenzene	40000	43500	109.0		27.0	71 - 115
Isophorone	40000	41500	104.0		30.0	69 - 110
2-Nitrophenol	40000	34100	85.2		20.0	61 - 110
2,4-Dimethylphenol	40000	25700	64.2 *		30.0	65 - 105
Benzoic acid	80000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	35100	87.8		30.0	70 - 110
2,4-Dichlorophenol	40000	31200	78.0		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	42400	106.0		29.0	71 - 110
Naphthalene	40000	44200	110.0 *		23.0	67 - 105
4-Chloroaniline	40000	35900	89.8		30.0	57 - 95
2-Methylnaphthalene	40000	45000	112.0 *		22.0	72 - 105
Hexachlorobutadiene	40000	40000	100.0		27.0	79 - 115
4-Chloro-3-methylphenol	40000	33300	83.2		30.0	62 - 115
1-Methylnaphthalene	40000	47000	118.0		25.0	67 - 145
Hexachlorocyclopentadiene	40000	32800	82.0		44.0	34 - 139
2,4,6-Trichlorophenol	40000	36100	90.2		30.0	62 - 110
2,4,5-Trichlorophenol	40000	35200	88.0		29.0	61 - 110
2-Chloronaphthalene	40000	43800	110.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3382LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	34700	86.8		23.0	71 - 120
Acenaphthylene	40000	40600	102.0		21.0	66 - 105
Dimethyl-phthalate	40000	42700	107.0		30.0	69 - 110
2,6-Dinitrotoluene	40000	44400	111.0 *		30.0	73 - 110
Acenaphthene	40000	42000	105.0		28.0	65 - 110
3-Nitroaniline	40000	33000	82.5		30.0	76 - 110
2,4-Dinitrophenol	80000	41800	52.2		30.0	29 - 130
Dibenzofuran	40000	44900	112.0 *		28.0	75 - 105
2,4-Dinitrotoluene	40000	36700	91.8		29.0	77 - 115
4-Nitrophenol	40000	16300	40.8 *		30.0	52 - 140
Fluorene	40000	44600	112.0 *		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	47100	118.0 *		30.0	65 - 110
Diethylphthalate	40000	43700	109.0		28.0	68 - 115
4-Nitroaniline	40000	33700	84.2		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	24300	60.8		28.0	34 - 135
N-Nitrosodiphenylamine	40000	42700	107.0		23.0	77 - 115
4-Bromophenyl-phenylether	40000	40800	102.0		30.0	59 - 115
Hexachlorobenzene	40000	38900	97.2		28.0	77 - 120
Pentachlorophenol	40000	17400	43.5		30.0	36 - 120
Phenanthrene	40000	45200	113.0 *		25.0	67 - 110
Anthracene	40000	39900	99.8		19.0	67 - 105
Di-n-butylphthalate	40000	33500	83.8		29.0	67 - 110
Fluoranthene	40000	40100	100.0		21.0	74 - 115
Pyrene	40000	42400	106.0		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	32800	82.0		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	29300	73.2		30.0	41 - 130
Benzo(a)anthracene	40000	38900	97.2		29.0	67 - 110
Chrysene	40000	44800	112.0 *		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	30300	75.8		30.0	65 - 125
Di-n-octylphthalate	40000	21700	54.2 *		30.0	64 - 130
Benzo(b)fluoranthene	40000	40300	101.0		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1441

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3382LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	43900	110.0		28.0	53 - 125
Benzo(a)pyrene	40000	36400	91.0		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	38300	95.8		30.0	40 - 120
Dibenz(a,h)anthracene	40000	36600	91.5		30.0	40 - 125
Benzo(g,h,i)perylene	40000	44700	112.0		23.0	41 - 125

Spike Recovery: 19 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1441

Form III

GC/ECD PCB ORGANICS

METHOD 8082

100907 1441

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

F. Samples:

Sample analysis proceeded normally.
Sample NPPD241and NPPD262 required 1:10 dilutions due to matrix interference. Only the diluted runs are reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/10/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Method: 8082

EPA Sample No	Lab Sample ID
NPPD182	250746301
NPPD273	250746302
NPPD242	250746303
NPPD246	250746304
NPPD244	250746305
NPPD219	250746306
NPPD220	250746307
NPPD240	250746308
NPPD241	250746309
NPPD239	250746310
NPPD229	250746311
NPPD228	250746312
NPPD233	250746313
NPPD255	250746314
NPPD259	250746315
NPPD257	250746316
NPPD251	250746317
NPPD262	250746318

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Sample Data

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD182

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746301 Lab File ID: 463-01.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2251

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD273

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746302 Lab File ID: 463-02.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2322

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD242

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303 Lab File ID: 463-03.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2353

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD246

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746304 Lab File ID: 463-04.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0024

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD244

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746305 Lab File ID: 463-05.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0144

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD219

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746306 Lab File ID: 463-06.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0215

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD220

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746307 Lab File ID: 463-07.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0246

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD240

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746308 Lab File ID: 463-08.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0317

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD241

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746309 Lab File ID: 463-9D10.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0348

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4300	U
11096-82-5	Aroclor-1260	4300	U
11104-28-2	Aroclor-1221	4300	U
11141-16-5	Aroclor-1232	4300	U
53469-21-9	Aroclor-1242	4300	U
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	4300	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD239

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310 Lab File ID: 463-10.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0419

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD229

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746311 Lab File ID: 463-11.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0450

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD228

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746312 Lab File ID: 463-12.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0522

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD233

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746313 Lab File ID: 463-13.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0553

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD255

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746314 Lab File ID: 463-14.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0624

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD259

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746315 Lab File ID: 463-15.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0655

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	400	U
11096-82-5	Aroclor-1260	400	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD257

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316 Lab File ID: 463-16.D

Sample wt/vol: 1.04 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0726

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD251

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746317 Lab File ID: 463-17.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0757

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD262

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746318 Lab File ID: 46318D10.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0828

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4300	U
11096-82-5	Aroclor-1260	4300	U
11104-28-2	Aroclor-1221	4300	U
11141-16-5	Aroclor-1232	4300	U
53469-21-9	Aroclor-1242	4300	U
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	4300	U

QC Summary

100907 1441

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 385BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 248052 Lab File ID: 385BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/31/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2149

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

385LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	9110	91.1		21.0	40 - 140
Aroclor-1260	10000	8340	83.4		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

100907 1441

Form III

Inorganics

100907 1441

Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

100907 1441

METALS DATA PACKAGE
TOTALS

100907 1441

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

Sample NPPD219, NPPD220, NPPD228, NPPD229 required a 1:5 dilution due to matrix interference with the following analyte(s): Thallium.

Sample NPPD251 required a 1:5 dilution due to matrix interference with the following analyte(s): Arsenic.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gold

SIGNED: **DATE: 09/07/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507463

Client: T N & Associates, Inc.

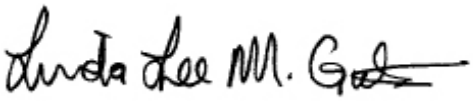
D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 09/07/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507463

SOW No.:

EPA Sample No	Lab Sample ID
NPPD182	250746301
NPPD273	250746302
NPPD242	250746303
NPPD246	250746304
NPPD244	250746305
NPPD219	250746306
NPPD219DL1	250746306DL1
NPPD220	250746307
NPPD220DL1	250746307DL1
NPPD240	250746308
NPPD241	250746309
NPPD239	250746310
NPPD229	250746311
NPPD229DL1	250746311DL1
NPPD228	250746312
NPPD228DL1	250746312DL1
NPPD233	250746313
NPPD255	250746314
NPPD259	250746315
NPPD257	250746316
NPPD251	250746317
NPPD251DL1	250746317DL1
NPPD262	250746318

Were ICP interelement corrections applied? Yes/No Yes

Were ICP background corrections applied? Yes/No Yes

If yes - were raw data generated before application of background corrections? Yes/No No

Comments:

100907 1441

Sample Data

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD182

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746301

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.97	U		P
7440-36-0	Antimony	0.216	U		P
7440-38-2	Arsenic	1.7			P
7440-39-3	Barium	0.15	U		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.0469	U		P
7440-70-2	Calcium	4.25	B		P
7440-47-3	Chromium	0.566			P
7440-48-4	Cobalt	0.0469	U		P
7440-50-8	Copper	0.15	U		P
7439-89-6	Iron	4.19	B		P
7439-92-1	Lead	0.319	U		P
7439-95-4	Magnesium	2.81	U		P
7439-96-5	Manganese	0.15	U		P
7439-97-6	Mercury	0.00198	U		CV
7440-02-0	Nickel	0.15	U		P
7440-09-7	Potassium	406			P
7782-49-2	Selenium	1.28			P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	9.38	U		P
7440-28-0	Thallium	0.31	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD182

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746301

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.15	U		P
7440-66-6	Zinc	0.31	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD273

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746302

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	28.7			P
7440-36-0	Antimony	11.8			P
7440-38-2	Arsenic	0.477	U		P
7440-39-3	Barium	0.867			P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.0477	U		P
7440-70-2	Calcium	235			P
7440-47-3	Chromium	0.268	B		P
7440-48-4	Cobalt	0.593			P
7440-50-8	Copper	2.68			P
7439-89-6	Iron	912			P
7439-92-1	Lead	0.8			P
7439-95-4	Magnesium	48.9			P
7439-96-5	Manganese	15			P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.163	B		P
7440-09-7	Potassium	141			P
7782-49-2	Selenium	0.477	U		P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	1220			P
7440-28-0	Thallium	0.315	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD273

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746302

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.153	U		P
7440-66-6	Zinc	6.5			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD242

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	7.55	B		P
7440-36-0	Antimony	0.221	U		P
7440-38-2	Arsenic	0.48	U		P
7440-39-3	Barium	0.57			P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.307	B		P
7440-70-2	Calcium	20200			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.048	U		P
7440-50-8	Copper	0.949			P
7439-89-6	Iron	11.8			P
7439-92-1	Lead	2.36			P
7439-95-4	Magnesium	101			P
7439-96-5	Manganese	2.7			P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	4.8	U		P
7782-49-2	Selenium	0.48	U		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	25.4	B		P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD242

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746303

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	39.1			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD246

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746304

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	0.227	U		P
7440-38-2	Arsenic	0.494	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0494	U		P
7440-70-2	Calcium	3.26	U		P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0494	U		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	1.01	B		P
7439-92-1	Lead	0.336	U		P
7439-95-4	Magnesium	2.96	U		P
7439-96-5	Manganese	0.158	U		P
7439-97-6	Mercury	0.00197	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	6.85	B		P
7782-49-2	Selenium	0.494	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	54.6			P
7440-28-0	Thallium	0.326	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD246

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746304

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	0.326	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD244

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746305

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	0.227	U		P
7440-38-2	Arsenic	0.493	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0493	U		P
7440-70-2	Calcium	3.25	U		P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0493	U		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	0.673	B		P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.96	U		P
7439-96-5	Manganese	0.158	U		P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	5.28	B		P
7782-49-2	Selenium	0.493	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	70.6			P
7440-28-0	Thallium	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD244

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746305

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD219

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746306

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	1.49			P
7440-38-2	Arsenic	0.496	B		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0492	U		P
7440-70-2	Calcium	7.76	B		P
7440-47-3	Chromium	6.17			P
7440-48-4	Cobalt	0.292	B		P
7440-50-8	Copper	10.4			P
7439-89-6	Iron	1050			P
7439-92-1	Lead	1.18			P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	1.03			P
7439-97-6	Mercury	0.00201	U		CV
7440-02-0	Nickel	3.93			P
7440-09-7	Potassium	564			P
7782-49-2	Selenium	2.93			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	570			P
7440-62-2	Vanadium	0.157	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD219

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746306

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	23.6			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD219DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746306DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.62	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD220

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746307

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	1.36			P
7440-38-2	Arsenic	0.76	B		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0492	U		P
7440-70-2	Calcium	6.82	B		P
7440-47-3	Chromium	6.12			P
7440-48-4	Cobalt	0.326	B		P
7440-50-8	Copper	10.1			P
7439-89-6	Iron	968			P
7439-92-1	Lead	1.46			P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	0.735			P
7439-97-6	Mercury	0.00205	U		CV
7440-02-0	Nickel	3.96			P
7440-09-7	Potassium	554			P
7782-49-2	Selenium	2.97			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	578			P
7440-62-2	Vanadium	0.157	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD220

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746307

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	26			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD220DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746307DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.62	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD240

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746308

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	0.228	U		P
7440-38-2	Arsenic	0.495	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0495	U		P
7440-70-2	Calcium	3.27	U		P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0495	U		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	0.594	U		P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	2.97	U		P
7439-96-5	Manganese	0.158	U		P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	4.95	U		P
7782-49-2	Selenium	0.495	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	9.9	U		P
7440-28-0	Thallium	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD240

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746308

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD241

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746309

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	0.223	U		P
7440-38-2	Arsenic	0.485	U		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0639	B		P
7440-70-2	Calcium	218			P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0485	U		P
7440-50-8	Copper	2.28			P
7439-89-6	Iron	6.98			P
7439-92-1	Lead	0.33	U		P
7439-95-4	Magnesium	4.82	B		P
7439-96-5	Manganese	0.155	U		P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	4.85	U		P
7782-49-2	Selenium	0.485	U		P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	14.2	B		P
7440-28-0	Thallium	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD241

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746309

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	15.1			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD239

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	0.227	U		P
7440-38-2	Arsenic	0.494	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0494	U		P
7440-70-2	Calcium	81.1			P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0494	U		P
7440-50-8	Copper	1.55			P
7439-89-6	Iron	5.93			P
7439-92-1	Lead	0.336	U		P
7439-95-4	Magnesium	7.13	B		P
7439-96-5	Manganese	0.158	U		P
7439-97-6	Mercury	0.00365	B		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	4.94	U		P
7782-49-2	Selenium	0.494	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	16.3	B		P
7440-28-0	Thallium	0.326	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD239

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746310

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	18			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD229

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746311

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	0.228	U		P
7440-38-2	Arsenic	0.496	U		P
7440-39-3	Barium	0.159	U		P
7440-41-7	Beryllium	0.159	U		P
7440-43-9	Cadmium	0.0496	U		P
7440-70-2	Calcium	17.6			P
7440-47-3	Chromium	0.159	U		P
7440-48-4	Cobalt	0.0496	U		P
7440-50-8	Copper	0.159	U		P
7439-89-6	Iron	1.1	B		P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	2.98	U		P
7439-96-5	Manganese	0.159	U		P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.159	U		P
7440-09-7	Potassium	4.96	U		P
7782-49-2	Selenium	2.42			P
7440-22-4	Silver	0.159	U		P
7440-23-5	Sodium	14.6	B		P
7440-62-2	Vanadium	0.159	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD229

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746311

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	16.7			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD229DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746311DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.64	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD228

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746312

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	0.227	U		P
7440-38-2	Arsenic	0.493	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0493	U		P
7440-70-2	Calcium	15.2			P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0493	U		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	29.7			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.96	U		P
7439-96-5	Manganese	0.158	U		P
7439-97-6	Mercury	0.00209	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	4.93	U		P
7782-49-2	Selenium	2.38			P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	17.5	B		P
7440-62-2	Vanadium	0.158	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD228

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746312

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	8.61			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD228DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746312DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.63	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD233

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746313

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.98	U		P
7440-36-0	Antimony	2.5			P
7440-38-2	Arsenic	0.472	U		P
7440-39-3	Barium	0.151	U		P
7440-41-7	Beryllium	0.151	U		P
7440-43-9	Cadmium	0.0472	U		P
7440-70-2	Calcium	6.15	B		P
7440-47-3	Chromium	0.151	U		P
7440-48-4	Cobalt	0.0472	U		P
7440-50-8	Copper	0.151	U		P
7439-89-6	Iron	275			P
7439-92-1	Lead	0.321	U		P
7439-95-4	Magnesium	2.92	B		P
7439-96-5	Manganese	0.826			P
7439-97-6	Mercury	0.00199	U		CV
7440-02-0	Nickel	0.151	U		P
7440-09-7	Potassium	545			P
7782-49-2	Selenium	0.472	U		P
7440-22-4	Silver	0.151	U		P
7440-23-5	Sodium	3260			P
7440-28-0	Thallium	0.312	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD233

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746313

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.151	U		P
7440-66-6	Zinc	0.312	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD255

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746314

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.09	U		P
7440-36-0	Antimony	9.76			P
7440-38-2	Arsenic	0.497	U		P
7440-39-3	Barium	0.18	B		P
7440-41-7	Beryllium	0.159	U		P
7440-43-9	Cadmium	0.0497	U		P
7440-70-2	Calcium	32.9			P
7440-47-3	Chromium	0.171	B		P
7440-48-4	Cobalt	0.0497	U		P
7440-50-8	Copper	1.23			P
7439-89-6	Iron	153			P
7439-92-1	Lead	1.3			P
7439-95-4	Magnesium	8.61	B		P
7439-96-5	Manganese	0.889			P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.281	B		P
7440-09-7	Potassium	1050			P
7782-49-2	Selenium	1.44			P
7440-22-4	Silver	0.159	U		P
7440-23-5	Sodium	3020			P
7440-28-0	Thallium	0.328	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD255

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746314

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.159	U		P
7440-66-6	Zinc	5.81			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD259

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746315

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3.16	B		P
7440-36-0	Antimony	4.15			P
7440-38-2	Arsenic	0.491	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0491	U		P
7440-70-2	Calcium	23.7			P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.0491	U		P
7440-50-8	Copper	9.99			P
7439-89-6	Iron	15.4			P
7439-92-1	Lead	0.334	U		P
7439-95-4	Magnesium	29.8			P
7439-96-5	Manganese	0.43	B		P
7439-97-6	Mercury	0.00202	U		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	3240			P
7782-49-2	Selenium	1.33			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	1950			P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD259

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746315

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.206	B		P
7440-66-6	Zinc	6.2			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD257

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	0.227	U		P
7440-38-2	Arsenic	0.493	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0493	U		P
7440-70-2	Calcium	3.25	U		P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0493	U		P
7440-50-8	Copper	0.762			P
7439-89-6	Iron	95.6			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.96	U		P
7439-96-5	Manganese	0.595			P
7439-97-6	Mercury	0.00504	B		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	6.12	B		P
7782-49-2	Selenium	0.493	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	68.6			P
7440-28-0	Thallium	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD257

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746316

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD251

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746317

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	78.9			P
7440-39-3	Barium	0.297	B		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.049	U		P
7440-70-2	Calcium	17.8			P
7440-47-3	Chromium	0.897			P
7440-48-4	Cobalt	0.049	U		P
7440-50-8	Copper	0.556			P
7439-89-6	Iron	11.8			P
7439-92-1	Lead	0.333	U		P
7439-95-4	Magnesium	2.94	U		P
7439-96-5	Manganese	0.174	B		P
7439-97-6	Mercury	0.00201	U		CV
7440-02-0	Nickel	0.905			P
7440-09-7	Potassium	4880			P
7782-49-2	Selenium	1.52			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	13500			P
7440-28-0	Thallium	0.324	U		P
7440-62-2	Vanadium	0.157	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD251

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746317

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.989			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD251DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746317DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-38-2	Arsenic	2.45	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD262

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746318

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	0.228	U		P
7440-38-2	Arsenic	0.495	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0495	U		P
7440-70-2	Calcium	3.27	U		P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0495	U		P
7440-50-8	Copper	0.689			P
7439-89-6	Iron	7.29			P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	2.97	U		P
7439-96-5	Manganese	0.158	U		P
7439-97-6	Mercury	0.00188	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	13.9	B		P
7782-49-2	Selenium	0.495	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	25.4	B		P
7440-28-0	Thallium	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD262

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Lab Sample ID: 250746318

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	54.9			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

100907 1441

QC Summary

100907 1441

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

247831LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4750		4920		3.5		P
Antimony	20	48.4		50.1		3.5		P
Arsenic	20	46.9		48.5		3.4		P
Barium	20	142		146		2.8		P
Beryllium	20	48.3		50.2		3.9		P
Cadmium	20	46.2		47.8		3.4		P
Calcium	20	4670		4820		3.2		P
Chromium	20	47.9		52.3		8.8		P
Cobalt	20	45.6		47.2		3.4		P
Copper	20	48.4		50.5		4.2		P
Iron	20	4850		5020		3.4		P
Lead	20	48.8		50.3		3.0		P
Magnesium	20	4710		4950		5.0		P
Manganese	20	47.3		49.2		3.9		P
Nickel	20	47.6		50.6		6.1		P
Potassium	20	4770		4920		3.1		P
Selenium	20	51		53		3.8		P
Silver	20	20.4		21		2.9		P
Sodium	20	4830		4970		2.9		P
Thallium	20	49.3		51.2		3.8		P
Vanadium	20	49.7		51.3		3.2		P
Zinc	20	47.5		49.5		4.1		P

Comments:

100907 1441

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

247892LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.324		0.327		0.9		CV

Comments:

100907 1441

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247830LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	%R
Aluminum				5000	4750		80 - 120	95.0
Antimony				50	48.4		80 - 120	96.8
Arsenic				50	46.9		80 - 120	93.8
Barium				150	142		80 - 120	94.7
Beryllium				50	48.3		80 - 120	96.6
Cadmium				50	46.2		80 - 120	92.4
Calcium				5000	4670		80 - 120	93.4
Chromium				50	47.9		80 - 120	95.8
Cobalt				50	45.6		80 - 120	91.2
Copper				50	48.4		80 - 120	96.8
Iron				5000	4850		80 - 120	97.0
Lead				50	48.8		80 - 120	97.6
Magnesium				5000	4710		80 - 120	94.2
Manganese				50	47.3		80 - 120	94.6
Nickel				50	47.6		80 - 120	95.2
Potassium				5000	4770		80 - 120	95.4
Selenium				50	51		80 - 120	102.0
Silver				20	20.4		80 - 120	102.0
Sodium				5000	4830		80 - 120	96.6
Thallium				50	49.3		80 - 120	98.6
Vanadium				50	49.7		80 - 120	99.4
Zinc				50	47.5		80 - 120	95.0

100907 1441

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247831LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4920		80 - 120	98.4
Antimony				50	50.1		80 - 120	100.2
Arsenic				50	48.5		80 - 120	97.0
Barium				150	146		80 - 120	97.3
Beryllium				50	50.2		80 - 120	100.4
Cadmium				50	47.8		80 - 120	95.6
Calcium				5000	4820		80 - 120	96.4
Chromium				50	52.3		80 - 120	104.6
Cobalt				50	47.2		80 - 120	94.4
Copper				50	50.5		80 - 120	101.0
Iron				5000	5020		80 - 120	100.4
Lead				50	50.3		80 - 120	100.6
Magnesium				5000	4950		80 - 120	99.0
Manganese				50	49.2		80 - 120	98.4
Nickel				50	50.6		80 - 120	101.2
Potassium				5000	4920		80 - 120	98.4
Selenium				50	53		80 - 120	106.0
Silver				20	21		80 - 120	105.0
Sodium				5000	4970		80 - 120	99.4
Thallium				50	51.2		80 - 120	102.4
Vanadium				50	51.3		80 - 120	102.6
Zinc				50	49.5		80 - 120	99.0

100907 1441

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 247892LCS

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.324		80	120	108.0

100907 1441

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247892LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507463

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.327		80	120	109.0

100907 1441

Chain of Custody Documentation

100907 1441

Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507463 KC

Company: T N & Associates, Inc.	Project Name/Number: National Petroleum Packers 2005148 -1089
Address: 1220 Kennestone Circle, Marietta, GA	Project Manager: Lou Von Oldenburg
Phone: 678-355-5550 Fax: 678-355-5545	Purchase Order:
Print Names(s) / Affiliation: Lou Von Oldenburg	
Sampler(s) Signature(s):	

Page 3 of 4

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:
REQUESTED DUE DATE / /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested 8260	8260	8270	8270	Remarks	Lab. No.
19	NPPD182	8/27/07	1105		O	3		X	X	X	X	Water *	01
20	NPPD273		1118										02
21	NPPD242		1155										03
22	NPPD246		1150										04
23	NPPD244		1115										05
24	NPPD219*		1110									pH=12	06
25	NPPD220*		1105										07
26	NPPD240		1100										08
27	NPPD241		1145										09
Shipment Method						27	← Total Number of Containers						

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/27/07	1100			
Additional Comments: Tars Only				8/27/7	1700		8/28	1030
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
6 C 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507463

256

Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507463 KC

Company: T N & Associates, Inc.	Project Name/Number: National Petroleum Packers / 2005148-1089
Address: 1220 Kennestone Circle, Marietta, GA	Project Manager: Lou Von Oldenburg
Phone: 678-355-5550 Fax: 678-355-5545	Purchase Order:
Print Names(s) / Affiliation: Lou Von Oldenburg	
Sampler(s) Signature(s): Lou	

Page 4 of 4

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	8010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
28	NPPD239	8/27/07	1140		O	8		X	X	X	X	Water	10
29	NPPD229		1200										11
30	NPPD228		1203										12
31	NPPD233		1209										13
32	NPPD255		1125										14
33	NPPD259		1120										15
34	NPPD257		1130										16
35	NPPD251		1110										17
36	NPPD262		1115										18
Shipment Method						27	← Total Number of Containers						

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		PEL	08/27/07	1100			
Additional Comments: Standard TAT	Jars Only			8/27/7	1700	PEL	8/28/7	1030

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
C C 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507463

257

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7879

0215 **Recipient's Copy**

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337879

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005/48 - 1087

3 To

Recipient's Name _____ Phone 813 247 2805

Company PCL CMBS

Recipient's Address _____

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address 4200 DENSLOW PLANT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

.0366274374

8630 3433 7879

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 50 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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fedex.com 1.800.GoFedEx 1.800.463.3339

fedex.com 1.800.GoFedEx 1.800.463.3339

6

28

FedEx® US Airbill

FedEx Express

FedEx Tracking Number 8630 3433 7880

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337880

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference Delta - 007

3 To

Recipient's Name _____ Phone 813 247-3005

Company PEL LNDS

Recipient's Address _____ Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4450 [illegible] POINT Dr

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7880

fedex.com 1.800.GoFedEx 1.800.463.3339

Recipient's Copy

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages 1 Total Weight 50 [redacted] Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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FedEx® US Airbill
Express

FedEx Tracking Number 8630 3433 7868

0215

Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date

FedEx Tracking Number 863034337868

Sender's Name TN & ASSOCIATES INC. Phone 678 [illegible] 5590

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005118-1059

3 To

Recipient's Name Phone 813 247 2805

Company PEL LABS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address 4030 HAVANA POINTE

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33614

0366274374

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

8630 3433 7868

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [x] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 1.0 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7905

0215 **Recipient's Copy**

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337905

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2095/105 KH7

3 To

Recipient's Name _____ Phone 813 247-2105

Company PEL LABS

Recipient's Address 4420 PENDOLA POINT RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address _____

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7905

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

*To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____

**To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages 1 Total Weight 50 [redacted]

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

Credit Card Auth.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

519

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FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7857

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337857

Sender's Name TN & ASSOCIATES INC Phone 678 355--5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 220144-1084

3 To

Recipient's Name _____ Phone 813 247 20[illegible]

Company P[illegible]

Recipient's Address _____

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address [illegible] Port Richey

To request a package be held at a specific FedEx location, print FedEx address here.

City [illegible] State FL ZIP 34691

0366274374

8630 3433 7857

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages	Total Weight	
1	60	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
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FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7890

0215 **Recipient's Copy**

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337890

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept/Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

2 Your Internal Billing Reference 2005-6 M-69

3 To

Recipient's Name _____ Phone 813 247 [illegible]

Company P&L LNGS

Recipient's Address _____ Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4430 PINE PARK RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33611

0366274374

8630 3433 7890

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
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- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

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* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
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Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

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7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

[redacted]

Total Packages	Total Weight	Credit Card Auth.
1	02	

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507463	**Req:**	83921
Client:	TN&A	**Project:**	National Petroleum Packers (WASTE
Level:	2	**Date Rec'd:**	8/28/07 10:30:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/07/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507463 **Profile Name:** Nat'l Petro. **Profile #:** 83921

MATRIX S

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 18	7470	Mercury		BMD	082807	1200
01 - 18	7470	Mercury	N/A			
01 - 18	6010	Metals		BMD	082807	1200
01 - 18	6010	Metals	N/A			
01 - 18	8260	Volatile Organic Compounds		MST	8/29/07	12:00
01 - 18	8260	Volatile Organic Compounds		consumed		
01 - 18	8270	GCMS semivolatile		SL	8/30/07	12:00
01 - 18	8270	GCMS semivolatile	SL		8/30/07	20:00
01 - 18	8082	PCB		GG	8/31/07	630am
01 - 18	8082	PCB	GG		8/31/07	1pm

Additional:

Comments:

Addendum

100907 1441

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/28/07 10:30:00 AM

Date to be Reported: 9/18/07

Laboratory Submission Number/SDG: 2507463

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507463

Project: National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

None.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 2

Total of: 90 analyses on 18 samples (including QC) *30-Aug-07*

Report/SDG #: 2507463

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD182	250746301		O	8/27/07 11:05:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD273	250746302		O	8/27/07 11:18:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD242	250746303		O	8/27/07 11:55:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507463

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD246	250746304		O	8/27/07 11:50:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD244	250746305		O	8/27/07 11:15:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD219	250746306		O	8/27/07 11:10:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507463

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD220	250746307		O	8/27/07 11:05:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD240	250746308		O	8/27/07 11:00:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD241	250746309		O	8/27/07 11:45:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507463

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD239	250746310		O	8/27/07 11:40:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD229	250746311		O	8/27/07 12:00:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD228	250746312		O	8/27/07 12:03:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507463

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD233	250746313		O	8/27/07 12:09:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD255	250746314		O	8/27/07 11:25:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD259	250746315		O	8/27/07 11:20:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507463

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD257	250746316		O	8/27/07 11:30:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD251	250746317		O	8/27/07 11:10:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD262	250746318		O	8/27/07 11:15:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'

Subject: FW: 2507463 - 8270 -TNA

Good morning.

-----Original Message-----
From: Brian Spann
Sent: Monday, September 10, 2007 9:08 AM
To: Project Managers
Subject: 2507463 - 8270 -TNA

A. Surrogates:

All acceptance criteria were met with the exception of:
Sample 3382BLK was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 121 % with criteria of (30-115).

Sample 3382LCS was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 118 % with criteria of (30-115).

Sample NPPD228 was recovered above criteria for the following surrogate(s): Nitrobenzene-d5 at 123 % with criteria of (23-120).

Sample NPPD233 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 123 % with criteria of (30-115).

Sample NPPD242P2 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 139 % with criteria of (30-115), Nitrobenzene-d5 at 125 % with criteria of (23-120).

Sample NPPD244 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 7.9 % with criteria of (25-121).

Sample NPPD246 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 12.5 % with criteria of (25-121).

Sample NPPD251 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 4.4 % with criteria of (25-121).

Sample NPPD257 was recovered below criteria for the following surrogate(s): Phenol-d5 at 1.4 % with criteria of (24-113).

Sample NPPD259 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 117 % with criteria of (30-115).

Sample NPPD262 was recovered below criteria for the following surrogate(s): Phenol-d5 at 6.6 % with criteria of (24-113).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPPD219 NPPD220 NPPD228 NPPD229 NPPD233 NPPD239 NPPD240 NPPD241 NPPD244 NPPD246 NPPD251 NPPD255 NPPD257 NPPD259 NPPD262 NPPD273

LCS 3382LCS was analyzed with the soil samples extracted on 08/30/07. The following analyte(s) were recovered below criteria: 2,4-Dimethylphenol at 64.2 % with criteria of (65-105), 4-Nitrophenol at 40.8 % with criteria of (52-140), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), Di-n-octylphthalate at 54.2 % with criteria of (64-130), and the following analyte(s) were recovered above criteria: 1,4-Dichlorobenzene at 112 % with criteria of (62-105), 2,6-Dinitrotoluene at 111 % with criteria of (73-110), 2-Chloronaphthalene at 110 % with criteria of (72-105), Bis(2-Chloroethyl)ether at 110 % with criteria of (61-105), Chrysene at 112 % with criteria of (65-110), Fluorene at 112 % with criteria of (67-110), Naphthalene at 110 % with criteria of (67-105), Phenanthrene at 113 % with criteria of (67-110). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 106 % with criteria of (60-100), 1,3-Dichlorobenzene at 112 % with criteria of (61.5-105.5), 2-Methylnaphthalene at 112 % with criteria of (66.5-110.5), 4-Chlorophenyl-phenylether at 118 % with criteria of (57.5-117.5), Benzyl alcohol at 0 % with criteria of (53.8-135.2), Dibenzofuran at 112 % with criteria of (70-110).

Samples coded accordingly.

The recoveries are directly related to the final volume adjustment of 10 mL for the LCS to demonstrate recoveries that would be found in the samples

This e-mail is intended for the named addressee(s) and may contain information that is confidential and proprietary. If this information is received by anyone other than the named addressee(s), the recipient(s) should immediately notify the sender by e-mail and promptly delete the transmitted material. In no event shall this material be read, used, stored, or retained by anyone other than the named addressee(s) without the express written consent of the sender or the named addressee(s).

Darcy Weisman

From: Darcy Weisman
Sent: Monday, September 10, 2007 9:45 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: TNA 2507463 8260 waste
Importance: High

Good morning.

-----Original Message-----
From: Lisa Pelo
Sent: Monday, September 10, 2007 9:22 AM
To: Project Managers
Subject: TNA 2507463 8260 waste
Importance: High

Please notify the project chemist of the following:

Sample NPPD241 was only analyzed and will be reported at a 1:500 dilution based on screening results due to high concentrations of Naphthalene.

Sample NPPD239 was only analyzed and will be reported at a 1:500 and a 1:5000 dilution based on screening results due to high concentrations of Naphthalene. Both diluted analyses will be reported.

Sample NPPD257 required an additional 1:250 dilution due to a high concentration of Acetone. Both diluted analyses will be reported.

Sample NPPD182 required a 1:10000 dilution due to extreme foaming upon the purging process. There were no quantitated findings and all the surrogates were diluted out due to the high dilution required.

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/28/2007 10:30:00 AM
Date Reported:	9/14/2007
Laboratory Submission Number/SDG:	2507464
Project:	National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

Organics 10
METHOD 8260 GC/ MS VOLATILE ORGANICS 13
Sample Data 17
QC Summary 78
METHOD 8270 GC/ MS SEMI- VOLATILE ORGANICS 91
Sample Data 97
QC Summary 155
METHOD 8082 GC/ ECD PCB ORGANICS..... 162
Sample Data 166
QC Summary 185

Inorganics..... 188
METALS DATA PACKAGE TOTALS 191
Sample Data 197
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EXECUTIVE SUMMARY - Detection Highlights

2507464

SAMPLE ID: NPPD194

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	4.04 B	9.36	MG/KG	SW6010B
Iron	61.7	4.68	MG/KG	SW6010B
Manganese	0.613	0.468	MG/KG	SW6010B
1,2,4-Trimethylbenzene	428 J	885	UG/KG	SW8260B
Naphthalene	298 J	885	UG/KG	SW8260B
n-Butylbenzene	147 J	885	UG/KG	SW8260B

SAMPLE ID: NPPD197

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	3.82 B	9.69	MG/KG	SW6010B
Iron	16.4	4.84	MG/KG	SW6010B
Selenium	2.43	0.969	MG/KG	SW6010B
Sodium	94.6	29.1	MG/KG	SW6010B
Zinc	0.544 B	0.969	MG/KG	SW6010B
Naphthalene	331 J	637	UG/KG	SW8260B

SAMPLE ID: NPPD198

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	15.3	4.75	MG/KG	SW6010B
Selenium	2.42	0.95	MG/KG	SW6010B
Sodium	199	28.5	MG/KG	SW6010B
Zinc	0.319 B	0.95	MG/KG	SW6010B
Acetone	10000 J	12200	UG/KG	SW8260B
Ethylbenzene	921 J	2440	UG/KG	SW8260B
Naphthalene	4390	2440	UG/KG	SW8260B
p,m-Xylene	2900 J	4880	UG/KG	SW8260B
Toluene	4080	2440	UG/KG	SW8260B
Trichloroethene	797 J	2440	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507464

SAMPLE ID: NPPD199

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Arsenic	0.548 B	0.971	MG/KG	SW6010B
Selenium	2.77	0.971	MG/KG	SW6010B
Sodium	204	29.1	MG/KG	SW6010B
Acetone	14200	12400	UG/KG	SW8260B
Ethylbenzene	844 J	2480	UG/KG	SW8260B
p,m-Xylene	3220 J	4970	UG/KG	SW8260B
Trichloroethene	885 J	2480	UG/KG	SW8260B

SAMPLE ID: NPPD203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.19 B	4.84	MG/KG	SW6010B
Iron	43	24.2	MG/KG	SW6010B
Selenium	4.19 B	4.84	MG/KG	SW6010B
Sodium	208	145	MG/KG	SW6010B
Zinc	3.34 B	4.84	MG/KG	SW6010B
Mercury	0.00597 B	0.0198	MG/KG	SW7470A
1,3,5-Trimethylbenzene	9430	676	UG/KG	SW8260B
2-Butanone	4980	3380	UG/KG	SW8260B
4-Isopropyltoluene	227 J	676	UG/KG	SW8260B
Ethylbenzene	1910	676	UG/KG	SW8260B
Isopropylbenzene (Cume	1330	676	UG/KG	SW8260B
n-Butylbenzene	667 J	676	UG/KG	SW8260B
n-Propylbenzene	5840	676	UG/KG	SW8260B
o-Xylene	6140	676	UG/KG	SW8260B
p,m-Xylene	16300	1350	UG/KG	SW8260B
sec-Butylbenzene	512 J	676	UG/KG	SW8260B

SAMPLE ID: NPPD203DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1,2,4-Trimethylbenzene	33200	2700	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507464

SAMPLE ID: NPPD206

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	8.22 B	9.96	MG/KG	SW6010B
Antimony	6.62	0.996	MG/KG	SW6010B
Barium	12.3	0.498	MG/KG	SW6010B
Cadmium	0.655	0.498	MG/KG	SW6010B
Calcium	4650	9.96	MG/KG	SW6010B
Copper	1.94	0.498	MG/KG	SW6010B
Iron	229	4.98	MG/KG	SW6010B
Lead	0.856	0.677	MG/KG	SW6010B
Magnesium	208	9.96	MG/KG	SW6010B
Manganese	4.42	0.498	MG/KG	SW6010B
Potassium	25.3 B	49.8	MG/KG	SW6010B
Sodium	29.4 B	29.9	MG/KG	SW6010B
Vanadium	0.232 B	0.498	MG/KG	SW6010B
Zinc	456	0.996	MG/KG	SW6010B
1,2,4-Trimethylbenzene	809	592	UG/KG	SW8260B
1,3,5-Trimethylbenzene	198 J	592	UG/KG	SW8260B
Naphthalene	3460	592	UG/KG	SW8260B
n-Butylbenzene	260 J	592	UG/KG	SW8260B
o-Xylene	420 J	592	UG/KG	SW8260B
p,m-Xylene	841 J	1180	UG/KG	SW8260B
Toluene	365 J	592	UG/KG	SW8260B

SAMPLE ID: NPPD207

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.546 B	0.96	MG/KG	SW6010B
Calcium	55.6	9.6	MG/KG	SW6010B
Copper	0.795	0.48	MG/KG	SW6010B
Iron	22.2	4.8	MG/KG	SW6010B
Manganese	0.275 B	0.48	MG/KG	SW6010B
Zinc	65.9	0.96	MG/KG	SW6010B
Naphthalene	1450	495	UG/KG	SW8260B
2-Methylnaphthalene	60100 J	400000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

2507464

SAMPLE ID: NPPD208

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.14 B	9.58	MG/KG	SW6010B
Arsenic	0.519 B	0.958	MG/KG	SW6010B
Calcium	18.5	9.58	MG/KG	SW6010B
Chromium	2.36	0.479	MG/KG	SW6010B
Copper	0.245 B	0.479	MG/KG	SW6010B
Iron	54	4.79	MG/KG	SW6010B
Manganese	0.484	0.479	MG/KG	SW6010B
Nickel	1.58	0.479	MG/KG	SW6010B
Potassium	135	47.9	MG/KG	SW6010B
Selenium	1.38	0.958	MG/KG	SW6010B
Sodium	2690	28.7	MG/KG	SW6010B
Zinc	0.692 B	0.958	MG/KG	SW6010B
Mercury	0.0191 B	0.0199	MG/KG	SW7470A
1,2,4-Trimethylbenzene	83100 J	208000	UG/KG	SW8260B
Ethylbenzene	2170000	208000	UG/KG	SW8260B
o-Xylene	3410000	208000	UG/KG	SW8260B
p,m-Xylene	7890000	417000	UG/KG	SW8260B
Toluene	5060000	208000	UG/KG	SW8260B
Acenaphthene	370000 J	374000	UG/KG	SW8270C
Fluorene	471000	374000	UG/KG	SW8270C
Phenanthrene	353000 J	374000	UG/KG	SW8270C

SAMPLE ID: NPPD208DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Naphthalene	15300000	521000	UG/KG	SW8260B
1-Methylnaphthalene	40400000	3740000	UG/KG	SW8270C
2-Methylnaphthalene	64200000	3740000	UG/KG	SW8270C
Naphthalene	19500000	3740000	UG/KG	SW8270C

SAMPLE ID: NPPD209

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	2.33	0.962	MG/KG	SW6010B
Barium	0.796	0.481	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Calcium	190	9.62	MG/KG	SW6010B
Copper	0.708	0.481	MG/KG	SW6010B
Iron	37.2	4.81	MG/KG	SW6010B
Magnesium	60.2	9.62	MG/KG	SW6010B
Manganese	0.195 B	0.481	MG/KG	SW6010B
Potassium	11.8 B	48.1	MG/KG	SW6010B
Sodium	15.3 B	28.8	MG/KG	SW6010B
Zinc	73.1	0.962	MG/KG	SW6010B
1,2,4-Trimethylbenzene	342 J	518	UG/KG	SW8260B
Acetone	5090	2590	UG/KG	SW8260B
Naphthalene	1170	518	UG/KG	SW8260B
n-Butylbenzene	98.1 J	518	UG/KG	SW8260B

SAMPLE ID: NPPD212

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	22.6	9.17	MG/KG	SW6010B
Antimony	0.859 B	0.917	MG/KG	SW6010B
Barium	0.194 B	0.459	MG/KG	SW6010B
Calcium	28.7	9.17	MG/KG	SW6010B
Chromium	0.251 B	0.459	MG/KG	SW6010B
Copper	63.8	0.459	MG/KG	SW6010B
Iron	206	4.59	MG/KG	SW6010B
Lead	0.388 B	0.624	MG/KG	SW6010B
Magnesium	15	9.17	MG/KG	SW6010B
Manganese	7.33	0.459	MG/KG	SW6010B
Potassium	2040	45.9	MG/KG	SW6010B
Sodium	932	27.5	MG/KG	SW6010B
Zinc	2	0.917	MG/KG	SW6010B
Mercury	0.0304	0.0192	MG/KG	SW7470A
Phenol	129000 J	1980000	UG/KG	SW8270C

SAMPLE ID: NPPD213

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	3.08 B	9.9	MG/KG	SW6010B
Barium	1.08	0.495	MG/KG	SW6010B
Cadmium	0.143 B	0.495	MG/KG	SW6010B
Calcium	471	9.9	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507464

Copper	6.85	0.495	MG/KG	SW6010B
Iron	194	4.95	MG/KG	SW6010B
Lead	5.11	0.673	MG/KG	SW6010B
Magnesium	25	9.9	MG/KG	SW6010B
Manganese	1.28	0.495	MG/KG	SW6010B
Nickel	0.186 B	0.495	MG/KG	SW6010B
Potassium	12.1 B	49.5	MG/KG	SW6010B
Sodium	37.7	29.7	MG/KG	SW6010B
Zinc	112	0.99	MG/KG	SW6010B
1,2,4-Trimethylbenzene	9350	877	UG/KG	SW8260B
1,3,5-Trimethylbenzene	2000	877	UG/KG	SW8260B
Acetone	64400	4380	UG/KG	SW8260B
Ethylbenzene	713 J	877	UG/KG	SW8260B
Isopropylbenzene (Cume	358 J	877	UG/KG	SW8260B
MTBE	419 J	877	UG/KG	SW8260B
Naphthalene	6940	877	UG/KG	SW8260B
n-Butylbenzene	1420	877	UG/KG	SW8260B
n-Propylbenzene	767 J	877	UG/KG	SW8260B
o-Xylene	1960	877	UG/KG	SW8260B
p,m-Xylene	3410	1750	UG/KG	SW8260B
Toluene	926	877	UG/KG	SW8260B

SAMPLE ID: NPPD214

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Cadmium	0.0515 B	0.49	MG/KG	SW6010B
Calcium	28.3	9.8	MG/KG	SW6010B
Copper	0.363 B	0.49	MG/KG	SW6010B
Iron	7.53	4.9	MG/KG	SW6010B
Manganese	0.602	0.49	MG/KG	SW6010B
Potassium	6.26 B	49	MG/KG	SW6010B
Zinc	48.6	0.98	MG/KG	SW6010B
Naphthalene	14600	1560	UG/KG	SW8260B
n-Butylbenzene	259 J	1560	UG/KG	SW8260B
2-Methylnaphthalene	100000 J	396000	UG/KG	SW8270C

SAMPLE ID: NPPD215

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD

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EXECUTIVE SUMMARY - Detection Highlights

2507464

Antimony	17	0.738	MG/KG	SW6010B
Calcium	6.73 B	7.38	MG/KG	SW6010B
Cobalt	0.0448 B	0.369	MG/KG	SW6010B
Iron	8.73	3.69	MG/KG	SW6010B
Magnesium	4.31 B	7.38	MG/KG	SW6010B
Manganese	0.316 B	0.369	MG/KG	SW6010B
Potassium	578	36.9	MG/KG	SW6010B
Sodium	398	22.2	MG/KG	SW6010B
Zinc	1.17	0.738	MG/KG	SW6010B
Phenol	60100 J	1900000	UG/KG	SW8270C

SAMPLE ID: NPPD216

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	5.03 B	9.9	MG/KG	SW6010B
Antimony	10.5	0.99	MG/KG	SW6010B
Barium	18.3	0.495	MG/KG	SW6010B
Cadmium	0.442 B	0.495	MG/KG	SW6010B
Calcium	2780	9.9	MG/KG	SW6010B
Copper	1.69	0.495	MG/KG	SW6010B
Iron	143	4.95	MG/KG	SW6010B
Lead	0.561 B	0.673	MG/KG	SW6010B
Magnesium	332	9.9	MG/KG	SW6010B
Manganese	2.26	0.495	MG/KG	SW6010B
Potassium	42.8 B	49.5	MG/KG	SW6010B
Sodium	63	29.7	MG/KG	SW6010B
Vanadium	0.167 B	0.495	MG/KG	SW6010B
Zinc	295	0.99	MG/KG	SW6010B
1,2,4-Trimethylbenzene	1040	556	UG/KG	SW8260B
1,3,5-Trimethylbenzene	355 J	556	UG/KG	SW8260B
Naphthalene	3300	556	UG/KG	SW8260B
n-Butylbenzene	199 J	556	UG/KG	SW8260B
o-Xylene	281 J	556	UG/KG	SW8260B
p,m-Xylene	575 J	1110	UG/KG	SW8260B

SAMPLE ID: NPPD217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.506 B	0.965	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507464

Barium	0.383 B	0.483	MG/KG	SW6010B
Calcium	119	9.65	MG/KG	SW6010B
Copper	0.604	0.483	MG/KG	SW6010B
Iron	23.3	4.83	MG/KG	SW6010B
Magnesium	3.61 B	9.65	MG/KG	SW6010B
Zinc	68.8	0.965	MG/KG	SW6010B
Acetone	6160	3180	UG/KG	SW8260B
Naphthalene	808	637	UG/KG	SW8260B

SAMPLE ID: NPPD218

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Cadmium	0.0504 B	0.497	MG/KG	SW6010B
Calcium	17	9.94	MG/KG	SW6010B
Copper	1.54	0.497	MG/KG	SW6010B
Iron	109	4.97	MG/KG	SW6010B
Manganese	1.3	0.497	MG/KG	SW6010B
Potassium	8.32 B	49.7	MG/KG	SW6010B
Zinc	25.9	0.994	MG/KG	SW6010B

SAMPLE ID: NPPD40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	3.02 B	9.56	MG/KG	SW6010B
Antimony	2.76	0.956	MG/KG	SW6010B
Barium	7.38	0.478	MG/KG	SW6010B
Cadmium	0.256 B	0.478	MG/KG	SW6010B
Calcium	1220	9.56	MG/KG	SW6010B
Copper	1.02	0.478	MG/KG	SW6010B
Iron	125	4.78	MG/KG	SW6010B
Magnesium	31.6	9.56	MG/KG	SW6010B
Manganese	1.76	0.478	MG/KG	SW6010B
Potassium	7.66 B	47.8	MG/KG	SW6010B
Sodium	25 B	28.7	MG/KG	SW6010B
Zinc	179	0.956	MG/KG	SW6010B
1,2,4-Trimethylbenzene	1690	870	UG/KG	SW8260B
Ethylbenzene	331 J	870	UG/KG	SW8260B
Naphthalene	18400	870	UG/KG	SW8260B
n-Butylbenzene	465 J	870	UG/KG	SW8260B

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o-Xylene	953	870	UG/KG	SW8260B
p,m-Xylene	1860	1740	UG/KG	SW8260B
Toluene	454 J	870	UG/KG	SW8260B

SAMPLE ID: NPPD41

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.678 B	0.973	MG/KG	SW6010B
Barium	0.354 B	0.486	MG/KG	SW6010B
Calcium	140	9.73	MG/KG	SW6010B
Copper	0.848	0.486	MG/KG	SW6010B
Iron	52	4.86	MG/KG	SW6010B
Magnesium	3.79 B	9.73	MG/KG	SW6010B
Manganese	0.548	0.486	MG/KG	SW6010B
Potassium	9.33 B	48.6	MG/KG	SW6010B
Zinc	88.7	0.973	MG/KG	SW6010B
1,2,4-Trimethylbenzene	3760	1140	UG/KG	SW8260B
1,3,5-Trimethylbenzene	673 J	1140	UG/KG	SW8260B
Ethylbenzene	2900	1140	UG/KG	SW8260B
Naphthalene	25500	1140	UG/KG	SW8260B
n-Butylbenzene	1120 J	1140	UG/KG	SW8260B
n-Propylbenzene	270 J	1140	UG/KG	SW8260B
o-Xylene	4730	1140	UG/KG	SW8260B
p,m-Xylene	11600	2270	UG/KG	SW8260B
Toluene	9650	1140	UG/KG	SW8260B
2-Methylnaphthalene	113000 J	393000	UG/KG	SW8270C
Phenol	67600 J	1960000	UG/KG	SW8270C

Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample NPPD208 was recovered below criteria for the following surrogate(s): 1,2-Dichloroethane-d4 at 0 % with criteria of (71-124), 4-Bromofluorobenzene at 0 % with criteria of (54-126), Dibromofluoromethane at 0 % with criteria of (68-119), Toluene d8 at 0 % with criteria of (59-127).

Sample NPPD208DL1 was recovered below criteria for the following surrogate(s): 1,2-Dichloroethane-d4 at 0 % with criteria of (71-124), 4-Bromofluorobenzene at 0 % with criteria of (54-126), Dibromofluoromethane at 0 % with criteria of (68-119), Toluene d8 at 0 % with criteria of (59-127).

No further action was taken. The required dilutions were so large that all surrogates were diluted out. Samples coded accordingly.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 090507LCSA24 was analyzed with the soil samples on 09/05/07. The following analyte was recovered below criteria: Acrolein at 63.2 % with criteria of (69-130).

No further action was required. Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

Samples NPPD198 and NPPD199 required a 1:200 dilution due to foaming upon the purging process.

Sample NPPD203 required an additional 1:200 dilution due to a high concentration of 1,2,4-Trimethylbenzene. Both diluted runs are reported.

Sample NPPD208 required a 1:10000 and a 1:25000 dilution due to a high concentration of Naphthalene based on the screening process. These are the only dilutions analyzed and reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/10/2007**

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VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Method: 8260

EPA Sample No	Lab Sample ID
NPPD194	250746401
NPPD212	250746402
NPPD213	250746403
NPPD217	250746404
NPPD203	250746405
NPPD203DL1	250746405DL1
NPPD218	250746406
NPPD214	250746407
NPPD206	250746408
NPPD41	250746409
NPPD216	250746410
NPPD215	250746411
NPPD197	250746412
NPPD199	250746413
NPPD208	250746414
NPPD208DL1	250746414DL1
NPPD207	250746415
NPPD40	250746416
NPPD209	250746417
NPPD198	250746418

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD194

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746401 Lab File ID: 46401.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2332

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	885	U
74-87-3	Chloromethane	885	U
75-01-4	Vinyl chloride	885	U
74-83-9	Bromomethane	885	U
75-00-3	Chloroethane	2210	U
75-69-4	Trichlorofluoromethane	885	U
75-35-4	1,1-Dichloroethene	885	U
107-02-8	Acrolein	11100	U
74-88-4	Methyl iodide	885	U
75-15-0	Carbon disulfide	885	U
75-09-2	Methylene chloride	2210	U
156-60-5	trans-1,2-Dichloroethene	885	U
107-13-1	Acrylonitrile	2210	U
75-34-3	1,1-Dichloroethane	885	U
67-64-1	Acetone	4420	U
594-20-7	2,2-Dichloropropane	885	U
156-59-2	cis-1,2-Dichloroethene	885	U
74-97-5	Bromochloromethane	885	U
78-93-3	2-Butanone	4420	U
67-66-3	Chloroform	885	U
71-55-6	1,1,1-Trichloroethane	885	U
56-23-5	Carbon tetrachloride	885	U
563-58-6	1,1-Dichloropropene	885	U
71-43-2	Benzene	885	U
107-06-2	1,2-Dichloroethane	885	U
79-01-6	Trichloroethene	885	U
108-05-4	Vinyl acetate	1770	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD194

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746401 Lab File ID: 46401.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2332

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	885	U
74-95-3	Dibromomethane	885	U
75-27-4	Bromodichloromethane	885	U
10061-01-5	cis-1,3-Dichloropropene	885	U
108-10-1	4-Methyl-2-pentanone	1770	U
108-88-3	Toluene	885	U
10061-02-6	trans-1,3-Dichloropropene	885	U
79-00-5	1,1,2-Trichloroethane	885	U
127-18-4	Tetrachloroethene	2210	U
142-28-9	1,3-Dichloropropane	885	U
591-78-6	2-Hexanone	1770	U
124-48-1	Dibromochloromethane	885	U
106-93-4	1,2-Dibromoethane(EDB)	885	U
108-90-7	Chlorobenzene	885	U
630-20-6	1,1,1,2-Tetrachloroethane	885	U
100-41-4	Ethylbenzene	885	U
511-39-00	p,m-Xylene	1770	U
95-47-6	o-Xylene	885	U
100-42-5	Styrene	885	U
75-25-2	Bromoform	2210	U
98-82-8	Isopropylbenzene (Cumene)	885	U
108-86-1	Bromobenzene	885	U
79-34-5	1,1,2,2-Tetrachloroethane	885	U
96-18-4	1,2,3-Trichloropropane	885	U
103-65-1	n-Propylbenzene	885	U
95-49-8	2-Chlorotoluene	885	U
106-43-4	4-Chlorotoluene	885	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD194

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746401 Lab File ID: 46401.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2332

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	885	U
98-06-6	tert-Butylbenzene	885	U
95-63-6	1,2,4-Trimethylbenzene	428	J
135-98-8	sec-Butylbenzene	885	U
541-73-1	1,3-Dichlorobenzene	885	U
106-46-7	1,4-Dichlorobenzene	885	U
99-87-6	4-Isopropyltoluene	885	U
104-51-8	n-Butylbenzene	147	J
95-50-1	1,2-Dichlorobenzene	885	U
96-12-8	1,2-Dibromo-3-chloropropane	4420	U
120-82-1	1,2,4-Trichlorobenzene	885	U
87-68-3	Hexachlorobutadiene	1330	U
91-20-3	Naphthalene	298	J
87-61-6	1,2,3-Trichlorobenzene	885	U
1634-04-4	MTBE	885	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD212

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746402 Lab File ID: 46402.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2359

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	671	U
74-87-3	Chloromethane	671	U
75-01-4	Vinyl chloride	671	U
74-83-9	Bromomethane	671	U
75-00-3	Chloroethane	1680	U
75-69-4	Trichlorofluoromethane	671	U
75-35-4	1,1-Dichloroethene	671	U
107-02-8	Acrolein	8390	U
74-88-4	Methyl iodide	671	U
75-15-0	Carbon disulfide	671	U
75-09-2	Methylene chloride	1680	U
156-60-5	trans-1,2-Dichloroethene	671	U
107-13-1	Acrylonitrile	1680	U
75-34-3	1,1-Dichloroethane	671	U
67-64-1	Acetone	3360	U
594-20-7	2,2-Dichloropropane	671	U
156-59-2	cis-1,2-Dichloroethene	671	U
74-97-5	Bromochloromethane	671	U
78-93-3	2-Butanone	3360	U
67-66-3	Chloroform	671	U
71-55-6	1,1,1-Trichloroethane	671	U
56-23-5	Carbon tetrachloride	671	U
563-58-6	1,1-Dichloropropene	671	U
71-43-2	Benzene	671	U
107-06-2	1,2-Dichloroethane	671	U
79-01-6	Trichloroethene	671	U
108-05-4	Vinyl acetate	1340	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD212

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746402 Lab File ID: 46402.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2359

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	671	U
74-95-3	Dibromomethane	671	U
75-27-4	Bromodichloromethane	671	U
10061-01-5	cis-1,3-Dichloropropene	671	U
108-10-1	4-Methyl-2-pentanone	1340	U
108-88-3	Toluene	671	U
10061-02-6	trans-1,3-Dichloropropene	671	U
79-00-5	1,1,2-Trichloroethane	671	U
127-18-4	Tetrachloroethene	1680	U
142-28-9	1,3-Dichloropropane	671	U
591-78-6	2-Hexanone	1340	U
124-48-1	Dibromochloromethane	671	U
106-93-4	1,2-Dibromoethane(EDB)	671	U
108-90-7	Chlorobenzene	671	U
630-20-6	1,1,1,2-Tetrachloroethane	671	U
100-41-4	Ethylbenzene	671	U
511-39-00	p,m-Xylene	1340	U
95-47-6	o-Xylene	671	U
100-42-5	Styrene	671	U
75-25-2	Bromoform	1680	U
98-82-8	Isopropylbenzene (Cumene)	671	U
108-86-1	Bromobenzene	671	U
79-34-5	1,1,2,2-Tetrachloroethane	671	U
96-18-4	1,2,3-Trichloropropane	671	U
103-65-1	n-Propylbenzene	671	U
95-49-8	2-Chlorotoluene	671	U
106-43-4	4-Chlorotoluene	671	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD212

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746402 Lab File ID: 46402.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2359

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	671	U
98-06-6	tert-Butylbenzene	671	U
95-63-6	1,2,4-Trimethylbenzene	671	U
135-98-8	sec-Butylbenzene	671	U
541-73-1	1,3-Dichlorobenzene	671	U
106-46-7	1,4-Dichlorobenzene	671	U
99-87-6	4-Isopropyltoluene	671	U
104-51-8	n-Butylbenzene	671	U
95-50-1	1,2-Dichlorobenzene	671	U
96-12-8	1,2-Dibromo-3-chloropropane	3360	U
120-82-1	1,2,4-Trichlorobenzene	671	U
87-68-3	Hexachlorobutadiene	1010	U
91-20-3	Naphthalene	671	U
87-61-6	1,2,3-Trichlorobenzene	671	U
1634-04-4	MTBE	671	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD213

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746403 Lab File ID: 46403.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0026

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	877	U
74-87-3	Chloromethane	877	U
75-01-4	Vinyl chloride	877	U
74-83-9	Bromomethane	877	U
75-00-3	Chloroethane	2190	U
75-69-4	Trichlorofluoromethane	877	U
75-35-4	1,1-Dichloroethene	877	U
107-02-8	Acrolein	11000	U
74-88-4	Methyl iodide	877	U
75-15-0	Carbon disulfide	877	U
75-09-2	Methylene chloride	2190	U
156-60-5	trans-1,2-Dichloroethene	877	U
107-13-1	Acrylonitrile	2190	U
75-34-3	1,1-Dichloroethane	877	U
67-64-1	Acetone	64400	
594-20-7	2,2-Dichloropropane	877	U
156-59-2	cis-1,2-Dichloroethene	877	U
74-97-5	Bromochloromethane	877	U
78-93-3	2-Butanone	4380	U
67-66-3	Chloroform	877	U
71-55-6	1,1,1-Trichloroethane	877	U
56-23-5	Carbon tetrachloride	877	U
563-58-6	1,1-Dichloropropene	877	U
71-43-2	Benzene	877	U
107-06-2	1,2-Dichloroethane	877	U
79-01-6	Trichloroethene	877	U
108-05-4	Vinyl acetate	1750	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD213

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746403 Lab File ID: 46403.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0026

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	877	U
74-95-3	Dibromomethane	877	U
75-27-4	Bromodichloromethane	877	U
10061-01-5	cis-1,3-Dichloropropene	877	U
108-10-1	4-Methyl-2-pentanone	1750	U
108-88-3	Toluene	926	
10061-02-6	trans-1,3-Dichloropropene	877	U
79-00-5	1,1,2-Trichloroethane	877	U
127-18-4	Tetrachloroethene	2190	U
142-28-9	1,3-Dichloropropane	877	U
591-78-6	2-Hexanone	1750	U
124-48-1	Dibromochloromethane	877	U
106-93-4	1,2-Dibromoethane(EDB)	877	U
108-90-7	Chlorobenzene	877	U
630-20-6	1,1,1,2-Tetrachloroethane	877	U
100-41-4	Ethylbenzene	713	J
511-39-00	p,m-Xylene	3410	
95-47-6	o-Xylene	1960	
100-42-5	Styrene	877	U
75-25-2	Bromoform	2190	U
98-82-8	Isopropylbenzene (Cumene)	358	J
108-86-1	Bromobenzene	877	U
79-34-5	1,1,2,2-Tetrachloroethane	877	U
96-18-4	1,2,3-Trichloropropane	877	U
103-65-1	n-Propylbenzene	767	J
95-49-8	2-Chlorotoluene	877	U
106-43-4	4-Chlorotoluene	877	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD213

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746403 Lab File ID: 46403.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0026

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2000	
98-06-6	tert-Butylbenzene	877	U
95-63-6	1,2,4-Trimethylbenzene	9350	
135-98-8	sec-Butylbenzene	877	U
541-73-1	1,3-Dichlorobenzene	877	U
106-46-7	1,4-Dichlorobenzene	877	U
99-87-6	4-Isopropyltoluene	877	U
104-51-8	n-Butylbenzene	1420	
95-50-1	1,2-Dichlorobenzene	877	U
96-12-8	1,2-Dibromo-3-chloropropane	4380	U
120-82-1	1,2,4-Trichlorobenzene	877	U
87-68-3	Hexachlorobutadiene	1320	U
91-20-3	Naphthalene	6940	
87-61-6	1,2,3-Trichlorobenzene	877	U
1634-04-4	MTBE	419	J

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD217

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746404 Lab File ID: 46404.D

Sample wt/vol: 1.57 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0053

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	637	U
74-87-3	Chloromethane	637	U
75-01-4	Vinyl chloride	637	U
74-83-9	Bromomethane	637	U
75-00-3	Chloroethane	1590	U
75-69-4	Trichlorofluoromethane	637	U
75-35-4	1,1-Dichloroethene	637	U
107-02-8	Acrolein	7960	U
74-88-4	Methyl iodide	637	U
75-15-0	Carbon disulfide	637	U
75-09-2	Methylene chloride	1590	U
156-60-5	trans-1,2-Dichloroethene	637	U
107-13-1	Acrylonitrile	1590	U
75-34-3	1,1-Dichloroethane	637	U
67-64-1	Acetone	6160	
594-20-7	2,2-Dichloropropane	637	U
156-59-2	cis-1,2-Dichloroethene	637	U
74-97-5	Bromochloromethane	637	U
78-93-3	2-Butanone	3180	U
67-66-3	Chloroform	637	U
71-55-6	1,1,1-Trichloroethane	637	U
56-23-5	Carbon tetrachloride	637	U
563-58-6	1,1-Dichloropropene	637	U
71-43-2	Benzene	637	U
107-06-2	1,2-Dichloroethane	637	U
79-01-6	Trichloroethene	637	U
108-05-4	Vinyl acetate	1270	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD217

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746404 Lab File ID: 46404.D

Sample wt/vol: 1.57 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0053

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	637	U
74-95-3	Dibromomethane	637	U
75-27-4	Bromodichloromethane	637	U
10061-01-5	cis-1,3-Dichloropropene	637	U
108-10-1	4-Methyl-2-pentanone	1270	U
108-88-3	Toluene	637	U
10061-02-6	trans-1,3-Dichloropropene	637	U
79-00-5	1,1,2-Trichloroethane	637	U
127-18-4	Tetrachloroethene	1590	U
142-28-9	1,3-Dichloropropane	637	U
591-78-6	2-Hexanone	1270	U
124-48-1	Dibromochloromethane	637	U
106-93-4	1,2-Dibromoethane(EDB)	637	U
108-90-7	Chlorobenzene	637	U
630-20-6	1,1,1,2-Tetrachloroethane	637	U
100-41-4	Ethylbenzene	637	U
511-39-00	p,m-Xylene	1270	U
95-47-6	o-Xylene	637	U
100-42-5	Styrene	637	U
75-25-2	Bromoform	1590	U
98-82-8	Isopropylbenzene (Cumene)	637	U
108-86-1	Bromobenzene	637	U
79-34-5	1,1,2,2-Tetrachloroethane	637	U
96-18-4	1,2,3-Trichloropropane	637	U
103-65-1	n-Propylbenzene	637	U
95-49-8	2-Chlorotoluene	637	U
106-43-4	4-Chlorotoluene	637	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD217

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746404 Lab File ID: 46404.D

Sample wt/vol: 1.57 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0053

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	637	U
98-06-6	tert-Butylbenzene	637	U
95-63-6	1,2,4-Trimethylbenzene	637	U
135-98-8	sec-Butylbenzene	637	U
541-73-1	1,3-Dichlorobenzene	637	U
106-46-7	1,4-Dichlorobenzene	637	U
99-87-6	4-Isopropyltoluene	637	U
104-51-8	n-Butylbenzene	637	U
95-50-1	1,2-Dichlorobenzene	637	U
96-12-8	1,2-Dibromo-3-chloropropane	3180	U
120-82-1	1,2,4-Trichlorobenzene	637	U
87-68-3	Hexachlorobutadiene	955	U
91-20-3	Naphthalene	808	
87-61-6	1,2,3-Trichlorobenzene	637	U
1634-04-4	MTBE	637	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD203

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405 Lab File ID: 46405.D

Sample wt/vol: 1.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0119

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	676	U
74-87-3	Chloromethane	676	U
75-01-4	Vinyl chloride	676	U
74-83-9	Bromomethane	676	U
75-00-3	Chloroethane	1690	U
75-69-4	Trichlorofluoromethane	676	U
75-35-4	1,1-Dichloroethene	676	U
107-02-8	Acrolein	8440	U
74-88-4	Methyl iodide	676	U
75-15-0	Carbon disulfide	676	U
75-09-2	Methylene chloride	1690	U
156-60-5	trans-1,2-Dichloroethene	676	U
107-13-1	Acrylonitrile	1690	U
75-34-3	1,1-Dichloroethane	676	U
67-64-1	Acetone	3380	U
594-20-7	2,2-Dichloropropane	676	U
156-59-2	cis-1,2-Dichloroethene	676	U
74-97-5	Bromochloromethane	676	U
78-93-3	2-Butanone	4980	
67-66-3	Chloroform	676	U
71-55-6	1,1,1-Trichloroethane	676	U
56-23-5	Carbon tetrachloride	676	U
563-58-6	1,1-Dichloropropene	676	U
71-43-2	Benzene	676	U
107-06-2	1,2-Dichloroethane	676	U
79-01-6	Trichloroethene	676	U
108-05-4	Vinyl acetate	1350	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD203

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405 Lab File ID: 46405.D

Sample wt/vol: 1.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0119

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	676	U
74-95-3	Dibromomethane	676	U
75-27-4	Bromodichloromethane	676	U
10061-01-5	cis-1,3-Dichloropropene	676	U
108-10-1	4-Methyl-2-pentanone	1350	U
108-88-3	Toluene	676	U
10061-02-6	trans-1,3-Dichloropropene	676	U
79-00-5	1,1,2-Trichloroethane	676	U
127-18-4	Tetrachloroethene	1690	U
142-28-9	1,3-Dichloropropane	676	U
591-78-6	2-Hexanone	1350	U
124-48-1	Dibromochloromethane	676	U
106-93-4	1,2-Dibromoethane(EDB)	676	U
108-90-7	Chlorobenzene	676	U
630-20-6	1,1,1,2-Tetrachloroethane	676	U
100-41-4	Ethylbenzene	1910	
511-39-00	p,m-Xylene	16300	
95-47-6	o-Xylene	6140	
100-42-5	Styrene	676	U
75-25-2	Bromoform	1690	U
98-82-8	Isopropylbenzene (Cumene)	1330	
108-86-1	Bromobenzene	676	U
79-34-5	1,1,2,2-Tetrachloroethane	676	U
96-18-4	1,2,3-Trichloropropane	676	U
103-65-1	n-Propylbenzene	5840	
95-49-8	2-Chlorotoluene	676	U
106-43-4	4-Chlorotoluene	676	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD203

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405 Lab File ID: 46405.D

Sample wt/vol: 1.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0119

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	9430	
98-06-6	tert-Butylbenzene	676	U
95-63-6	1,2,4-Trimethylbenzene	35000	E
135-98-8	sec-Butylbenzene	512	J
541-73-1	1,3-Dichlorobenzene	676	U
106-46-7	1,4-Dichlorobenzene	676	U
99-87-6	4-Isopropyltoluene	227	J
104-51-8	n-Butylbenzene	667	J
95-50-1	1,2-Dichlorobenzene	676	U
96-12-8	1,2-Dibromo-3-chloropropane	3380	U
120-82-1	1,2,4-Trichlorobenzene	676	U
87-68-3	Hexachlorobutadiene	1010	U
91-20-3	Naphthalene	676	U
87-61-6	1,2,3-Trichlorobenzene	676	U
1634-04-4	MTBE	676	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD203DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405DL1 Lab File ID: 46405D.D

Sample wt/vol: 1.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1257

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2700	U
74-87-3	Chloromethane	2700	U
75-01-4	Vinyl chloride	2700	U
74-83-9	Bromomethane	2700	U
75-00-3	Chloroethane	6760	U
75-69-4	Trichlorofluoromethane	2700	U
75-35-4	1,1-Dichloroethene	2700	U
107-02-8	Acrolein	33800	U
74-88-4	Methyl iodide	2700	U
75-15-0	Carbon disulfide	2700	U
75-09-2	Methylene chloride	6760	U
156-60-5	trans-1,2-Dichloroethene	2700	U
107-13-1	Acrylonitrile	6760	U
75-34-3	1,1-Dichloroethane	2700	U
67-64-1	Acetone	13500	U
594-20-7	2,2-Dichloropropane	2700	U
156-59-2	cis-1,2-Dichloroethene	2700	U
74-97-5	Bromochloromethane	2700	U
78-93-3	2-Butanone	13500	U
67-66-3	Chloroform	2700	U
71-55-6	1,1,1-Trichloroethane	2700	U
56-23-5	Carbon tetrachloride	2700	U
563-58-6	1,1-Dichloropropene	2700	U
71-43-2	Benzene	2700	U
107-06-2	1,2-Dichloroethane	2700	U
79-01-6	Trichloroethene	2700	U
108-05-4	Vinyl acetate	5400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD203DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405DL1 Lab File ID: 46405D.D

Sample wt/vol: 1.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1257

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2700	U
74-95-3	Dibromomethane	2700	U
75-27-4	Bromodichloromethane	2700	U
10061-01-5	cis-1,3-Dichloropropene	2700	U
108-10-1	4-Methyl-2-pentanone	5400	U
108-88-3	Toluene	2700	U
10061-02-6	trans-1,3-Dichloropropene	2700	U
79-00-5	1,1,2-Trichloroethane	2700	U
127-18-4	Tetrachloroethene	6760	U
142-28-9	1,3-Dichloropropane	2700	U
591-78-6	2-Hexanone	5400	U
124-48-1	Dibromochloromethane	2700	U
106-93-4	1,2-Dibromoethane(EDB)	2700	U
108-90-7	Chlorobenzene	2700	U
630-20-6	1,1,1,2-Tetrachloroethane	2700	U
100-41-4	Ethylbenzene	1380	J
511-39-00	p,m-Xylene	14600	
95-47-6	o-Xylene	5660	
100-42-5	Styrene	2700	U
75-25-2	Bromoform	6760	U
98-82-8	Isopropylbenzene (Cumene)	1150	J
108-86-1	Bromobenzene	2700	U
79-34-5	1,1,2,2-Tetrachloroethane	2700	U
96-18-4	1,2,3-Trichloropropane	2700	U
103-65-1	n-Propylbenzene	5230	
95-49-8	2-Chlorotoluene	2700	U
106-43-4	4-Chlorotoluene	2700	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD203DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405DL1 Lab File ID: 46405D.D

Sample wt/vol: 1.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1257

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	8950	
98-06-6	tert-Butylbenzene	2700	U
95-63-6	1,2,4-Trimethylbenzene	33200	
135-98-8	sec-Butylbenzene	2700	U
541-73-1	1,3-Dichlorobenzene	2700	U
106-46-7	1,4-Dichlorobenzene	2700	U
99-87-6	4-Isopropyltoluene	2700	U
104-51-8	n-Butylbenzene	572	J
95-50-1	1,2-Dichlorobenzene	2700	U
96-12-8	1,2-Dibromo-3-chloropropane	13500	U
120-82-1	1,2,4-Trichlorobenzene	2700	U
87-68-3	Hexachlorobutadiene	4050	U
91-20-3	Naphthalene	2700	U
87-61-6	1,2,3-Trichlorobenzene	2700	U
1634-04-4	MTBE	2700	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD218

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746406 Lab File ID: 46406.D

Sample wt/vol: 2.37 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0146

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	422	U
74-87-3	Chloromethane	422	U
75-01-4	Vinyl chloride	422	U
74-83-9	Bromomethane	422	U
75-00-3	Chloroethane	1050	U
75-69-4	Trichlorofluoromethane	422	U
75-35-4	1,1-Dichloroethene	422	U
107-02-8	Acrolein	5270	U
74-88-4	Methyl iodide	422	U
75-15-0	Carbon disulfide	422	U
75-09-2	Methylene chloride	1050	U
156-60-5	trans-1,2-Dichloroethene	422	U
107-13-1	Acrylonitrile	1050	U
75-34-3	1,1-Dichloroethane	422	U
67-64-1	Acetone	2110	U
594-20-7	2,2-Dichloropropane	422	U
156-59-2	cis-1,2-Dichloroethene	422	U
74-97-5	Bromochloromethane	422	U
78-93-3	2-Butanone	2110	U
67-66-3	Chloroform	422	U
71-55-6	1,1,1-Trichloroethane	422	U
56-23-5	Carbon tetrachloride	422	U
563-58-6	1,1-Dichloropropene	422	U
71-43-2	Benzene	422	U
107-06-2	1,2-Dichloroethane	422	U
79-01-6	Trichloroethene	422	U
108-05-4	Vinyl acetate	844	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD218

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746406 Lab File ID: 46406.D

Sample wt/vol: 2.37 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0146

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	422	U
74-95-3	Dibromomethane	422	U
75-27-4	Bromodichloromethane	422	U
10061-01-5	cis-1,3-Dichloropropene	422	U
108-10-1	4-Methyl-2-pentanone	844	U
108-88-3	Toluene	422	U
10061-02-6	trans-1,3-Dichloropropene	422	U
79-00-5	1,1,2-Trichloroethane	422	U
127-18-4	Tetrachloroethene	1050	U
142-28-9	1,3-Dichloropropane	422	U
591-78-6	2-Hexanone	844	U
124-48-1	Dibromochloromethane	422	U
106-93-4	1,2-Dibromoethane(EDB)	422	U
108-90-7	Chlorobenzene	422	U
630-20-6	1,1,1,2-Tetrachloroethane	422	U
100-41-4	Ethylbenzene	422	U
511-39-00	p,m-Xylene	844	U
95-47-6	o-Xylene	422	U
100-42-5	Styrene	422	U
75-25-2	Bromoform	1050	U
98-82-8	Isopropylbenzene (Cumene)	422	U
108-86-1	Bromobenzene	422	U
79-34-5	1,1,2,2-Tetrachloroethane	422	U
96-18-4	1,2,3-Trichloropropane	422	U
103-65-1	n-Propylbenzene	422	U
95-49-8	2-Chlorotoluene	422	U
106-43-4	4-Chlorotoluene	422	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD218

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746406 Lab File ID: 46406.D

Sample wt/vol: 2.37 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0146

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	422	U
98-06-6	tert-Butylbenzene	422	U
95-63-6	1,2,4-Trimethylbenzene	422	U
135-98-8	sec-Butylbenzene	422	U
541-73-1	1,3-Dichlorobenzene	422	U
106-46-7	1,4-Dichlorobenzene	422	U
99-87-6	4-Isopropyltoluene	422	U
104-51-8	n-Butylbenzene	422	U
95-50-1	1,2-Dichlorobenzene	422	U
96-12-8	1,2-Dibromo-3-chloropropane	2110	U
120-82-1	1,2,4-Trichlorobenzene	422	U
87-68-3	Hexachlorobutadiene	633	U
91-20-3	Naphthalene	422	U
87-61-6	1,2,3-Trichlorobenzene	422	U
1634-04-4	MTBE	422	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD214

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746407 Lab File ID: 46407.D

Sample wt/vol: 0.64 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0213

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1560	U
74-87-3	Chloromethane	1560	U
75-01-4	Vinyl chloride	1560	U
74-83-9	Bromomethane	1560	U
75-00-3	Chloroethane	3910	U
75-69-4	Trichlorofluoromethane	1560	U
75-35-4	1,1-Dichloroethene	1560	U
107-02-8	Acrolein	19500	U
74-88-4	Methyl iodide	1560	U
75-15-0	Carbon disulfide	1560	U
75-09-2	Methylene chloride	3910	U
156-60-5	trans-1,2-Dichloroethene	1560	U
107-13-1	Acrylonitrile	3910	U
75-34-3	1,1-Dichloroethane	1560	U
67-64-1	Acetone	7810	U
594-20-7	2,2-Dichloropropane	1560	U
156-59-2	cis-1,2-Dichloroethene	1560	U
74-97-5	Bromochloromethane	1560	U
78-93-3	2-Butanone	7810	U
67-66-3	Chloroform	1560	U
71-55-6	1,1,1-Trichloroethane	1560	U
56-23-5	Carbon tetrachloride	1560	U
563-58-6	1,1-Dichloropropene	1560	U
71-43-2	Benzene	1560	U
107-06-2	1,2-Dichloroethane	1560	U
79-01-6	Trichloroethene	1560	U
108-05-4	Vinyl acetate	3120	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD214

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746407 Lab File ID: 46407.D

Sample wt/vol: 0.64 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0213

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1560	U
74-95-3	Dibromomethane	1560	U
75-27-4	Bromodichloromethane	1560	U
10061-01-5	cis-1,3-Dichloropropene	1560	U
108-10-1	4-Methyl-2-pentanone	3120	U
108-88-3	Toluene	1560	U
10061-02-6	trans-1,3-Dichloropropene	1560	U
79-00-5	1,1,2-Trichloroethane	1560	U
127-18-4	Tetrachloroethene	3910	U
142-28-9	1,3-Dichloropropane	1560	U
591-78-6	2-Hexanone	3120	U
124-48-1	Dibromochloromethane	1560	U
106-93-4	1,2-Dibromoethane(EDB)	1560	U
108-90-7	Chlorobenzene	1560	U
630-20-6	1,1,1,2-Tetrachloroethane	1560	U
100-41-4	Ethylbenzene	1560	U
511-39-00	p,m-Xylene	3120	U
95-47-6	o-Xylene	1560	U
100-42-5	Styrene	1560	U
75-25-2	Bromoform	3910	U
98-82-8	Isopropylbenzene (Cumene)	1560	U
108-86-1	Bromobenzene	1560	U
79-34-5	1,1,2,2-Tetrachloroethane	1560	U
96-18-4	1,2,3-Trichloropropane	1560	U
103-65-1	n-Propylbenzene	1560	U
95-49-8	2-Chlorotoluene	1560	U
106-43-4	4-Chlorotoluene	1560	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD214

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746407 Lab File ID: 46407.D

Sample wt/vol: 0.64 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0213

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1560	U
98-06-6	tert-Butylbenzene	1560	U
95-63-6	1,2,4-Trimethylbenzene	1560	U
135-98-8	sec-Butylbenzene	1560	U
541-73-1	1,3-Dichlorobenzene	1560	U
106-46-7	1,4-Dichlorobenzene	1560	U
99-87-6	4-Isopropyltoluene	1560	U
104-51-8	n-Butylbenzene	259	J
95-50-1	1,2-Dichlorobenzene	1560	U
96-12-8	1,2-Dibromo-3-chloropropane	7810	U
120-82-1	1,2,4-Trichlorobenzene	1560	U
87-68-3	Hexachlorobutadiene	2340	U
91-20-3	Naphthalene	14600	
87-61-6	1,2,3-Trichlorobenzene	1560	U
1634-04-4	MTBE	1560	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD206

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746408 Lab File ID: 46408.D

Sample wt/vol: 1.69 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0240

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	592	U
74-87-3	Chloromethane	592	U
75-01-4	Vinyl chloride	592	U
74-83-9	Bromomethane	592	U
75-00-3	Chloroethane	1480	U
75-69-4	Trichlorofluoromethane	592	U
75-35-4	1,1-Dichloroethene	592	U
107-02-8	Acrolein	7400	U
74-88-4	Methyl iodide	592	U
75-15-0	Carbon disulfide	592	U
75-09-2	Methylene chloride	1480	U
156-60-5	trans-1,2-Dichloroethene	592	U
107-13-1	Acrylonitrile	1480	U
75-34-3	1,1-Dichloroethane	592	U
67-64-1	Acetone	2960	U
594-20-7	2,2-Dichloropropane	592	U
156-59-2	cis-1,2-Dichloroethene	592	U
74-97-5	Bromochloromethane	592	U
78-93-3	2-Butanone	2960	U
67-66-3	Chloroform	592	U
71-55-6	1,1,1-Trichloroethane	592	U
56-23-5	Carbon tetrachloride	592	U
563-58-6	1,1-Dichloropropene	592	U
71-43-2	Benzene	592	U
107-06-2	1,2-Dichloroethane	592	U
79-01-6	Trichloroethene	592	U
108-05-4	Vinyl acetate	1180	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD206

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746408 Lab File ID: 46408.D

Sample wt/vol: 1.69 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0240

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	592	U
74-95-3	Dibromomethane	592	U
75-27-4	Bromodichloromethane	592	U
10061-01-5	cis-1,3-Dichloropropene	592	U
108-10-1	4-Methyl-2-pentanone	1180	U
108-88-3	Toluene	365	J
10061-02-6	trans-1,3-Dichloropropene	592	U
79-00-5	1,1,2-Trichloroethane	592	U
127-18-4	Tetrachloroethene	1480	U
142-28-9	1,3-Dichloropropane	592	U
591-78-6	2-Hexanone	1180	U
124-48-1	Dibromochloromethane	592	U
106-93-4	1,2-Dibromoethane(EDB)	592	U
108-90-7	Chlorobenzene	592	U
630-20-6	1,1,1,2-Tetrachloroethane	592	U
100-41-4	Ethylbenzene	592	U
511-39-00	p,m-Xylene	841	J
95-47-6	o-Xylene	420	J
100-42-5	Styrene	592	U
75-25-2	Bromoform	1480	U
98-82-8	Isopropylbenzene (Cumene)	592	U
108-86-1	Bromobenzene	592	U
79-34-5	1,1,2,2-Tetrachloroethane	592	U
96-18-4	1,2,3-Trichloropropane	592	U
103-65-1	n-Propylbenzene	592	U
95-49-8	2-Chlorotoluene	592	U
106-43-4	4-Chlorotoluene	592	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD206

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746408 Lab File ID: 46408.D

Sample wt/vol: 1.69 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0240

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	198	J
98-06-6	tert-Butylbenzene	592	U
95-63-6	1,2,4-Trimethylbenzene	809	
135-98-8	sec-Butylbenzene	592	U
541-73-1	1,3-Dichlorobenzene	592	U
106-46-7	1,4-Dichlorobenzene	592	U
99-87-6	4-Isopropyltoluene	592	U
104-51-8	n-Butylbenzene	260	J
95-50-1	1,2-Dichlorobenzene	592	U
96-12-8	1,2-Dibromo-3-chloropropane	2960	U
120-82-1	1,2,4-Trichlorobenzene	592	U
87-68-3	Hexachlorobutadiene	888	U
91-20-3	Naphthalene	3460	
87-61-6	1,2,3-Trichlorobenzene	592	U
1634-04-4	MTBE	592	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD41

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746409 Lab File ID: 46409.D

Sample wt/vol: 0.88 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0306

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1140	U
74-87-3	Chloromethane	1140	U
75-01-4	Vinyl chloride	1140	U
74-83-9	Bromomethane	1140	U
75-00-3	Chloroethane	2840	U
75-69-4	Trichlorofluoromethane	1140	U
75-35-4	1,1-Dichloroethene	1140	U
107-02-8	Acrolein	14200	U
74-88-4	Methyl iodide	1140	U
75-15-0	Carbon disulfide	1140	U
75-09-2	Methylene chloride	2840	U
156-60-5	trans-1,2-Dichloroethene	1140	U
107-13-1	Acrylonitrile	2840	U
75-34-3	1,1-Dichloroethane	1140	U
67-64-1	Acetone	5680	U
594-20-7	2,2-Dichloropropane	1140	U
156-59-2	cis-1,2-Dichloroethene	1140	U
74-97-5	Bromochloromethane	1140	U
78-93-3	2-Butanone	5680	U
67-66-3	Chloroform	1140	U
71-55-6	1,1,1-Trichloroethane	1140	U
56-23-5	Carbon tetrachloride	1140	U
563-58-6	1,1-Dichloropropene	1140	U
71-43-2	Benzene	1140	U
107-06-2	1,2-Dichloroethane	1140	U
79-01-6	Trichloroethene	1140	U
108-05-4	Vinyl acetate	2270	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD41

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746409 Lab File ID: 46409.D

Sample wt/vol: 0.88 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0306

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1140	U
74-95-3	Dibromomethane	1140	U
75-27-4	Bromodichloromethane	1140	U
10061-01-5	cis-1,3-Dichloropropene	1140	U
108-10-1	4-Methyl-2-pentanone	2270	U
108-88-3	Toluene	9650	
10061-02-6	trans-1,3-Dichloropropene	1140	U
79-00-5	1,1,2-Trichloroethane	1140	U
127-18-4	Tetrachloroethene	2840	U
142-28-9	1,3-Dichloropropane	1140	U
591-78-6	2-Hexanone	2270	U
124-48-1	Dibromochloromethane	1140	U
106-93-4	1,2-Dibromoethane(EDB)	1140	U
108-90-7	Chlorobenzene	1140	U
630-20-6	1,1,1,2-Tetrachloroethane	1140	U
100-41-4	Ethylbenzene	2900	
511-39-00	p,m-Xylene	11600	
95-47-6	o-Xylene	4730	
100-42-5	Styrene	1140	U
75-25-2	Bromoform	2840	U
98-82-8	Isopropylbenzene (Cumene)	1140	U
108-86-1	Bromobenzene	1140	U
79-34-5	1,1,2,2-Tetrachloroethane	1140	U
96-18-4	1,2,3-Trichloropropane	1140	U
103-65-1	n-Propylbenzene	270	J
95-49-8	2-Chlorotoluene	1140	U
106-43-4	4-Chlorotoluene	1140	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD41

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746409 Lab File ID: 46409.D

Sample wt/vol: 0.88 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0306

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	673	J
98-06-6	tert-Butylbenzene	1140	U
95-63-6	1,2,4-Trimethylbenzene	3760	
135-98-8	sec-Butylbenzene	1140	U
541-73-1	1,3-Dichlorobenzene	1140	U
106-46-7	1,4-Dichlorobenzene	1140	U
99-87-6	4-Isopropyltoluene	1140	U
104-51-8	n-Butylbenzene	1120	J
95-50-1	1,2-Dichlorobenzene	1140	U
96-12-8	1,2-Dibromo-3-chloropropane	5680	U
120-82-1	1,2,4-Trichlorobenzene	1140	U
87-68-3	Hexachlorobutadiene	1700	U
91-20-3	Naphthalene	25500	
87-61-6	1,2,3-Trichlorobenzene	1140	U
1634-04-4	MTBE	1140	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD216

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746410 Lab File ID: 46410.D

Sample wt/vol: 1.8 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0333

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	556	U
74-87-3	Chloromethane	556	U
75-01-4	Vinyl chloride	556	U
74-83-9	Bromomethane	556	U
75-00-3	Chloroethane	1390	U
75-69-4	Trichlorofluoromethane	556	U
75-35-4	1,1-Dichloroethene	556	U
107-02-8	Acrolein	6940	U
74-88-4	Methyl iodide	556	U
75-15-0	Carbon disulfide	556	U
75-09-2	Methylene chloride	1390	U
156-60-5	trans-1,2-Dichloroethene	556	U
107-13-1	Acrylonitrile	1390	U
75-34-3	1,1-Dichloroethane	556	U
67-64-1	Acetone	2780	U
594-20-7	2,2-Dichloropropane	556	U
156-59-2	cis-1,2-Dichloroethene	556	U
74-97-5	Bromochloromethane	556	U
78-93-3	2-Butanone	2780	U
67-66-3	Chloroform	556	U
71-55-6	1,1,1-Trichloroethane	556	U
56-23-5	Carbon tetrachloride	556	U
563-58-6	1,1-Dichloropropene	556	U
71-43-2	Benzene	556	U
107-06-2	1,2-Dichloroethane	556	U
79-01-6	Trichloroethene	556	U
108-05-4	Vinyl acetate	1110	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD216

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746410 Lab File ID: 46410.D

Sample wt/vol: 1.8 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0333

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	556	U
74-95-3	Dibromomethane	556	U
75-27-4	Bromodichloromethane	556	U
10061-01-5	cis-1,3-Dichloropropene	556	U
108-10-1	4-Methyl-2-pentanone	1110	U
108-88-3	Toluene	556	U
10061-02-6	trans-1,3-Dichloropropene	556	U
79-00-5	1,1,2-Trichloroethane	556	U
127-18-4	Tetrachloroethene	1390	U
142-28-9	1,3-Dichloropropane	556	U
591-78-6	2-Hexanone	1110	U
124-48-1	Dibromochloromethane	556	U
106-93-4	1,2-Dibromoethane(EDB)	556	U
108-90-7	Chlorobenzene	556	U
630-20-6	1,1,1,2-Tetrachloroethane	556	U
100-41-4	Ethylbenzene	556	U
511-39-00	p,m-Xylene	575	J
95-47-6	o-Xylene	281	J
100-42-5	Styrene	556	U
75-25-2	Bromoform	1390	U
98-82-8	Isopropylbenzene (Cumene)	556	U
108-86-1	Bromobenzene	556	U
79-34-5	1,1,2,2-Tetrachloroethane	556	U
96-18-4	1,2,3-Trichloropropane	556	U
103-65-1	n-Propylbenzene	556	U
95-49-8	2-Chlorotoluene	556	U
106-43-4	4-Chlorotoluene	556	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD216

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746410 Lab File ID: 46410.D

Sample wt/vol: 1.8 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0333

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	355	J
98-06-6	tert-Butylbenzene	556	U
95-63-6	1,2,4-Trimethylbenzene	1040	
135-98-8	sec-Butylbenzene	556	U
541-73-1	1,3-Dichlorobenzene	556	U
106-46-7	1,4-Dichlorobenzene	556	U
99-87-6	4-Isopropyltoluene	556	U
104-51-8	n-Butylbenzene	199	J
95-50-1	1,2-Dichlorobenzene	556	U
96-12-8	1,2-Dibromo-3-chloropropane	2780	U
120-82-1	1,2,4-Trichlorobenzene	556	U
87-68-3	Hexachlorobutadiene	833	U
91-20-3	Naphthalene	3300	
87-61-6	1,2,3-Trichlorobenzene	556	U
1634-04-4	MTBE	556	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD215

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746411 Lab File ID: 46411.D

Sample wt/vol: 1.83 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0400

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	546	U
74-87-3	Chloromethane	546	U
75-01-4	Vinyl chloride	546	U
74-83-9	Bromomethane	546	U
75-00-3	Chloroethane	1370	U
75-69-4	Trichlorofluoromethane	546	U
75-35-4	1,1-Dichloroethene	546	U
107-02-8	Acrolein	6830	U
74-88-4	Methyl iodide	546	U
75-15-0	Carbon disulfide	546	U
75-09-2	Methylene chloride	1370	U
156-60-5	trans-1,2-Dichloroethene	546	U
107-13-1	Acrylonitrile	1370	U
75-34-3	1,1-Dichloroethane	546	U
67-64-1	Acetone	2730	U
594-20-7	2,2-Dichloropropane	546	U
156-59-2	cis-1,2-Dichloroethene	546	U
74-97-5	Bromochloromethane	546	U
78-93-3	2-Butanone	2730	U
67-66-3	Chloroform	546	U
71-55-6	1,1,1-Trichloroethane	546	U
56-23-5	Carbon tetrachloride	546	U
563-58-6	1,1-Dichloropropene	546	U
71-43-2	Benzene	546	U
107-06-2	1,2-Dichloroethane	546	U
79-01-6	Trichloroethene	546	U
108-05-4	Vinyl acetate	1090	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD215

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746411 Lab File ID: 46411.D

Sample wt/vol: 1.83 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0400

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	546	U
74-95-3	Dibromomethane	546	U
75-27-4	Bromodichloromethane	546	U
10061-01-5	cis-1,3-Dichloropropene	546	U
108-10-1	4-Methyl-2-pentanone	1090	U
108-88-3	Toluene	546	U
10061-02-6	trans-1,3-Dichloropropene	546	U
79-00-5	1,1,2-Trichloroethane	546	U
127-18-4	Tetrachloroethene	1370	U
142-28-9	1,3-Dichloropropane	546	U
591-78-6	2-Hexanone	1090	U
124-48-1	Dibromochloromethane	546	U
106-93-4	1,2-Dibromoethane(EDB)	546	U
108-90-7	Chlorobenzene	546	U
630-20-6	1,1,1,2-Tetrachloroethane	546	U
100-41-4	Ethylbenzene	546	U
511-39-00	p,m-Xylene	1090	U
95-47-6	o-Xylene	546	U
100-42-5	Styrene	546	U
75-25-2	Bromoform	1370	U
98-82-8	Isopropylbenzene (Cumene)	546	U
108-86-1	Bromobenzene	546	U
79-34-5	1,1,2,2-Tetrachloroethane	546	U
96-18-4	1,2,3-Trichloropropane	546	U
103-65-1	n-Propylbenzene	546	U
95-49-8	2-Chlorotoluene	546	U
106-43-4	4-Chlorotoluene	546	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD215

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746411 Lab File ID: 46411.D

Sample wt/vol: 1.83 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0400

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	546	U
98-06-6	tert-Butylbenzene	546	U
95-63-6	1,2,4-Trimethylbenzene	546	U
135-98-8	sec-Butylbenzene	546	U
541-73-1	1,3-Dichlorobenzene	546	U
106-46-7	1,4-Dichlorobenzene	546	U
99-87-6	4-Isopropyltoluene	546	U
104-51-8	n-Butylbenzene	546	U
95-50-1	1,2-Dichlorobenzene	546	U
96-12-8	1,2-Dibromo-3-chloropropane	2730	U
120-82-1	1,2,4-Trichlorobenzene	546	U
87-68-3	Hexachlorobutadiene	820	U
91-20-3	Naphthalene	546	U
87-61-6	1,2,3-Trichlorobenzene	546	U
1634-04-4	MTBE	546	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD197

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746412 Lab File ID: 46412.D

Sample wt/vol: 1.57 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0426

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	637	U
74-87-3	Chloromethane	637	U
75-01-4	Vinyl chloride	637	U
74-83-9	Bromomethane	637	U
75-00-3	Chloroethane	1590	U
75-69-4	Trichlorofluoromethane	637	U
75-35-4	1,1-Dichloroethene	637	U
107-02-8	Acrolein	7960	U
74-88-4	Methyl iodide	637	U
75-15-0	Carbon disulfide	637	U
75-09-2	Methylene chloride	1590	U
156-60-5	trans-1,2-Dichloroethene	637	U
107-13-1	Acrylonitrile	1590	U
75-34-3	1,1-Dichloroethane	637	U
67-64-1	Acetone	3180	U
594-20-7	2,2-Dichloropropane	637	U
156-59-2	cis-1,2-Dichloroethene	637	U
74-97-5	Bromochloromethane	637	U
78-93-3	2-Butanone	3180	U
67-66-3	Chloroform	637	U
71-55-6	1,1,1-Trichloroethane	637	U
56-23-5	Carbon tetrachloride	637	U
563-58-6	1,1-Dichloropropene	637	U
71-43-2	Benzene	637	U
107-06-2	1,2-Dichloroethane	637	U
79-01-6	Trichloroethene	637	U
108-05-4	Vinyl acetate	1270	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD197

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746412 Lab File ID: 46412.D

Sample wt/vol: 1.57 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0426

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	637	U
74-95-3	Dibromomethane	637	U
75-27-4	Bromodichloromethane	637	U
10061-01-5	cis-1,3-Dichloropropene	637	U
108-10-1	4-Methyl-2-pentanone	1270	U
108-88-3	Toluene	637	U
10061-02-6	trans-1,3-Dichloropropene	637	U
79-00-5	1,1,2-Trichloroethane	637	U
127-18-4	Tetrachloroethene	1590	U
142-28-9	1,3-Dichloropropane	637	U
591-78-6	2-Hexanone	1270	U
124-48-1	Dibromochloromethane	637	U
106-93-4	1,2-Dibromoethane(EDB)	637	U
108-90-7	Chlorobenzene	637	U
630-20-6	1,1,1,2-Tetrachloroethane	637	U
100-41-4	Ethylbenzene	637	U
511-39-00	p,m-Xylene	1270	U
95-47-6	o-Xylene	637	U
100-42-5	Styrene	637	U
75-25-2	Bromoform	1590	U
98-82-8	Isopropylbenzene (Cumene)	637	U
108-86-1	Bromobenzene	637	U
79-34-5	1,1,2,2-Tetrachloroethane	637	U
96-18-4	1,2,3-Trichloropropane	637	U
103-65-1	n-Propylbenzene	637	U
95-49-8	2-Chlorotoluene	637	U
106-43-4	4-Chlorotoluene	637	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD197

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746412 Lab File ID: 46412.D

Sample wt/vol: 1.57 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0426

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	637	U
98-06-6	tert-Butylbenzene	637	U
95-63-6	1,2,4-Trimethylbenzene	637	U
135-98-8	sec-Butylbenzene	637	U
541-73-1	1,3-Dichlorobenzene	637	U
106-46-7	1,4-Dichlorobenzene	637	U
99-87-6	4-Isopropyltoluene	637	U
104-51-8	n-Butylbenzene	637	U
95-50-1	1,2-Dichlorobenzene	637	U
96-12-8	1,2-Dibromo-3-chloropropane	3180	U
120-82-1	1,2,4-Trichlorobenzene	637	U
87-68-3	Hexachlorobutadiene	955	U
91-20-3	Naphthalene	331	J
87-61-6	1,2,3-Trichlorobenzene	637	U
1634-04-4	MTBE	637	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD199

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746413 Lab File ID: 46413D.D

Sample wt/vol: 1.61 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1324

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2480	U
74-87-3	Chloromethane	2480	U
75-01-4	Vinyl chloride	2480	U
74-83-9	Bromomethane	2480	U
75-00-3	Chloroethane	6210	U
75-69-4	Trichlorofluoromethane	2480	U
75-35-4	1,1-Dichloroethene	2480	U
107-02-8	Acrolein	31000	U
74-88-4	Methyl iodide	2480	U
75-15-0	Carbon disulfide	2480	U
75-09-2	Methylene chloride	6210	U
156-60-5	trans-1,2-Dichloroethene	2480	U
107-13-1	Acrylonitrile	6210	U
75-34-3	1,1-Dichloroethane	2480	U
67-64-1	Acetone	14200	
594-20-7	2,2-Dichloropropane	2480	U
156-59-2	cis-1,2-Dichloroethene	2480	U
74-97-5	Bromochloromethane	2480	U
78-93-3	2-Butanone	12400	U
67-66-3	Chloroform	2480	U
71-55-6	1,1,1-Trichloroethane	2480	U
56-23-5	Carbon tetrachloride	2480	U
563-58-6	1,1-Dichloropropene	2480	U
71-43-2	Benzene	2480	U
107-06-2	1,2-Dichloroethane	2480	U
79-01-6	Trichloroethene	885	J
108-05-4	Vinyl acetate	4970	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD199

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746413 Lab File ID: 46413D.D

Sample wt/vol: 1.61 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1324

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2480	U
74-95-3	Dibromomethane	2480	U
75-27-4	Bromodichloromethane	2480	U
10061-01-5	cis-1,3-Dichloropropene	2480	U
108-10-1	4-Methyl-2-pentanone	4970	U
108-88-3	Toluene	2480	U
10061-02-6	trans-1,3-Dichloropropene	2480	U
79-00-5	1,1,2-Trichloroethane	2480	U
127-18-4	Tetrachloroethene	6210	U
142-28-9	1,3-Dichloropropane	2480	U
591-78-6	2-Hexanone	4970	U
124-48-1	Dibromochloromethane	2480	U
106-93-4	1,2-Dibromoethane(EDB)	2480	U
108-90-7	Chlorobenzene	2480	U
630-20-6	1,1,1,2-Tetrachloroethane	2480	U
100-41-4	Ethylbenzene	844	J
511-39-00	p,m-Xylene	3220	J
95-47-6	o-Xylene	2480	U
100-42-5	Styrene	2480	U
75-25-2	Bromoform	6210	U
98-82-8	Isopropylbenzene (Cumene)	2480	U
108-86-1	Bromobenzene	2480	U
79-34-5	1,1,2,2-Tetrachloroethane	2480	U
96-18-4	1,2,3-Trichloropropane	2480	U
103-65-1	n-Propylbenzene	2480	U
95-49-8	2-Chlorotoluene	2480	U
106-43-4	4-Chlorotoluene	2480	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD199

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746413 Lab File ID: 46413D.D

Sample wt/vol: 1.61 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1324

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2480	U
98-06-6	tert-Butylbenzene	2480	U
95-63-6	1,2,4-Trimethylbenzene	2480	U
135-98-8	sec-Butylbenzene	2480	U
541-73-1	1,3-Dichlorobenzene	2480	U
106-46-7	1,4-Dichlorobenzene	2480	U
99-87-6	4-Isopropyltoluene	2480	U
104-51-8	n-Butylbenzene	2480	U
95-50-1	1,2-Dichlorobenzene	2480	U
96-12-8	1,2-Dibromo-3-chloropropane	12400	U
120-82-1	1,2,4-Trichlorobenzene	2480	U
87-68-3	Hexachlorobutadiene	3730	U
91-20-3	Naphthalene	2480	U
87-61-6	1,2,3-Trichlorobenzene	2480	U
1634-04-4	MTBE	2480	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD208

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414 Lab File ID: 46414.D

Sample wt/vol: 0.96 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1111

PercentSolids: 100 decanted : (Dilution Factor: 10000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	208000	U
74-87-3	Chloromethane	208000	U
75-01-4	Vinyl chloride	208000	U
74-83-9	Bromomethane	208000	U
75-00-3	Chloroethane	521000	U
75-69-4	Trichlorofluoromethane	208000	U
75-35-4	1,1-Dichloroethene	208000	U
107-02-8	Acrolein	2600000	U
74-88-4	Methyl iodide	208000	U
75-15-0	Carbon disulfide	208000	U
75-09-2	Methylene chloride	521000	U
156-60-5	trans-1,2-Dichloroethene	208000	U
107-13-1	Acrylonitrile	521000	U
75-34-3	1,1-Dichloroethane	208000	U
67-64-1	Acetone	1040000	U
594-20-7	2,2-Dichloropropane	208000	U
156-59-2	cis-1,2-Dichloroethene	208000	U
74-97-5	Bromochloromethane	208000	U
78-93-3	2-Butanone	1040000	U
67-66-3	Chloroform	208000	U
71-55-6	1,1,1-Trichloroethane	208000	U
56-23-5	Carbon tetrachloride	208000	U
563-58-6	1,1-Dichloropropene	208000	U
71-43-2	Benzene	208000	U
107-06-2	1,2-Dichloroethane	208000	U
79-01-6	Trichloroethene	208000	U
108-05-4	Vinyl acetate	417000	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD208

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414 Lab File ID: 46414.D

Sample wt/vol: 0.96 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1111

PercentSolids: 100 decanted : (Dilution Factor: 10000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	208000	U
74-95-3	Dibromomethane	208000	U
75-27-4	Bromodichloromethane	208000	U
10061-01-5	cis-1,3-Dichloropropene	208000	U
108-10-1	4-Methyl-2-pentanone	417000	U
108-88-3	Toluene	5060000	
10061-02-6	trans-1,3-Dichloropropene	208000	U
79-00-5	1,1,2-Trichloroethane	208000	U
127-18-4	Tetrachloroethene	521000	U
142-28-9	1,3-Dichloropropane	208000	U
591-78-6	2-Hexanone	417000	U
124-48-1	Dibromochloromethane	208000	U
106-93-4	1,2-Dibromoethane(EDB)	208000	U
108-90-7	Chlorobenzene	208000	U
630-20-6	1,1,1,2-Tetrachloroethane	208000	U
100-41-4	Ethylbenzene	2170000	
511-39-00	p,m-Xylene	7890000	
95-47-6	o-Xylene	3410000	
100-42-5	Styrene	208000	U
75-25-2	Bromoform	521000	U
98-82-8	Isopropylbenzene (Cumene)	208000	U
108-86-1	Bromobenzene	208000	U
79-34-5	1,1,2,2-Tetrachloroethane	208000	U
96-18-4	1,2,3-Trichloropropane	208000	U
103-65-1	n-Propylbenzene	208000	U
95-49-8	2-Chlorotoluene	208000	U
106-43-4	4-Chlorotoluene	208000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD208

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414 Lab File ID: 46414.D

Sample wt/vol: 0.96 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1111

PercentSolids: 100 decanted : (Dilution Factor: 10000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	208000	U
98-06-6	tert-Butylbenzene	208000	U
95-63-6	1,2,4-Trimethylbenzene	83100	J
135-98-8	sec-Butylbenzene	208000	U
541-73-1	1,3-Dichlorobenzene	208000	U
106-46-7	1,4-Dichlorobenzene	208000	U
99-87-6	4-Isopropyltoluene	208000	U
104-51-8	n-Butylbenzene	208000	U
95-50-1	1,2-Dichlorobenzene	208000	U
96-12-8	1,2-Dibromo-3-chloropropane	1040000	U
120-82-1	1,2,4-Trichlorobenzene	208000	U
87-68-3	Hexachlorobutadiene	312000	U
91-20-3	Naphthalene	15200000	E
87-61-6	1,2,3-Trichlorobenzene	208000	U
1634-04-4	MTBE	208000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD208DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414DL1 Lab File ID: 46414D.D

Sample wt/vol: 0.96 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1350

PercentSolids: 100 decanted : (Dilution Factor: 25000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	521000	U
74-87-3	Chloromethane	521000	U
75-01-4	Vinyl chloride	521000	U
74-83-9	Bromomethane	521000	U
75-00-3	Chloroethane	1300000	U
75-69-4	Trichlorofluoromethane	521000	U
75-35-4	1,1-Dichloroethene	521000	U
107-02-8	Acrolein	6510000	U
74-88-4	Methyl iodide	521000	U
75-15-0	Carbon disulfide	521000	U
75-09-2	Methylene chloride	1300000	U
156-60-5	trans-1,2-Dichloroethene	521000	U
107-13-1	Acrylonitrile	1300000	U
75-34-3	1,1-Dichloroethane	521000	U
67-64-1	Acetone	2600000	U
594-20-7	2,2-Dichloropropane	521000	U
156-59-2	cis-1,2-Dichloroethene	521000	U
74-97-5	Bromochloromethane	521000	U
78-93-3	2-Butanone	2600000	U
67-66-3	Chloroform	521000	U
71-55-6	1,1,1-Trichloroethane	521000	U
56-23-5	Carbon tetrachloride	521000	U
563-58-6	1,1-Dichloropropene	521000	U
71-43-2	Benzene	521000	U
107-06-2	1,2-Dichloroethane	521000	U
79-01-6	Trichloroethene	521000	U
108-05-4	Vinyl acetate	1040000	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD208DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414DL1 Lab File ID: 46414D.D

Sample wt/vol: 0.96 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1350

PercentSolids: 100 decanted : (Dilution Factor: 25000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	521000	U
74-95-3	Dibromomethane	521000	U
75-27-4	Bromodichloromethane	521000	U
10061-01-5	cis-1,3-Dichloropropene	521000	U
108-10-1	4-Methyl-2-pentanone	1040000	U
108-88-3	Toluene	4900000	
10061-02-6	trans-1,3-Dichloropropene	521000	U
79-00-5	1,1,2-Trichloroethane	521000	U
127-18-4	Tetrachloroethene	1300000	U
142-28-9	1,3-Dichloropropane	521000	U
591-78-6	2-Hexanone	1040000	U
124-48-1	Dibromochloromethane	521000	U
106-93-4	1,2-Dibromoethane(EDB)	521000	U
108-90-7	Chlorobenzene	521000	U
630-20-6	1,1,1,2-Tetrachloroethane	521000	U
100-41-4	Ethylbenzene	1840000	
511-39-00	p,m-Xylene	7370000	
95-47-6	o-Xylene	3210000	
100-42-5	Styrene	521000	U
75-25-2	Bromoform	1300000	U
98-82-8	Isopropylbenzene (Cumene)	521000	U
108-86-1	Bromobenzene	521000	U
79-34-5	1,1,2,2-Tetrachloroethane	521000	U
96-18-4	1,2,3-Trichloropropane	521000	U
103-65-1	n-Propylbenzene	521000	U
95-49-8	2-Chlorotoluene	521000	U
106-43-4	4-Chlorotoluene	521000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD208DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414DL1 Lab File ID: 46414D.D

Sample wt/vol: 0.96 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1350

PercentSolids: 100 decanted : (Dilution Factor: 25000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	521000	U
98-06-6	tert-Butylbenzene	521000	U
95-63-6	1,2,4-Trimethylbenzene	521000	U
135-98-8	sec-Butylbenzene	521000	U
541-73-1	1,3-Dichlorobenzene	521000	U
106-46-7	1,4-Dichlorobenzene	521000	U
99-87-6	4-Isopropyltoluene	521000	U
104-51-8	n-Butylbenzene	521000	U
95-50-1	1,2-Dichlorobenzene	521000	U
96-12-8	1,2-Dibromo-3-chloropropane	2600000	U
120-82-1	1,2,4-Trichlorobenzene	521000	U
87-68-3	Hexachlorobutadiene	781000	U
91-20-3	Naphthalene	15300000	
87-61-6	1,2,3-Trichlorobenzene	521000	U
1634-04-4	MTBE	521000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD207

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746415 Lab File ID: 46415R.D

Sample wt/vol: 2.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1417

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	495	U
74-87-3	Chloromethane	495	U
75-01-4	Vinyl chloride	495	U
74-83-9	Bromomethane	495	U
75-00-3	Chloroethane	1240	U
75-69-4	Trichlorofluoromethane	495	U
75-35-4	1,1-Dichloroethene	495	U
107-02-8	Acrolein	6190	U
74-88-4	Methyl iodide	495	U
75-15-0	Carbon disulfide	495	U
75-09-2	Methylene chloride	1240	U
156-60-5	trans-1,2-Dichloroethene	495	U
107-13-1	Acrylonitrile	1240	U
75-34-3	1,1-Dichloroethane	495	U
67-64-1	Acetone	2480	U
594-20-7	2,2-Dichloropropane	495	U
156-59-2	cis-1,2-Dichloroethene	495	U
74-97-5	Bromochloromethane	495	U
78-93-3	2-Butanone	2480	U
67-66-3	Chloroform	495	U
71-55-6	1,1,1-Trichloroethane	495	U
56-23-5	Carbon tetrachloride	495	U
563-58-6	1,1-Dichloropropene	495	U
71-43-2	Benzene	495	U
107-06-2	1,2-Dichloroethane	495	U
79-01-6	Trichloroethene	495	U
108-05-4	Vinyl acetate	990	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD207

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746415 Lab File ID: 46415R.D

Sample wt/vol: 2.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1417

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	495	U
74-95-3	Dibromomethane	495	U
75-27-4	Bromodichloromethane	495	U
10061-01-5	cis-1,3-Dichloropropene	495	U
108-10-1	4-Methyl-2-pentanone	990	U
108-88-3	Toluene	495	U
10061-02-6	trans-1,3-Dichloropropene	495	U
79-00-5	1,1,2-Trichloroethane	495	U
127-18-4	Tetrachloroethene	1240	U
142-28-9	1,3-Dichloropropane	495	U
591-78-6	2-Hexanone	990	U
124-48-1	Dibromochloromethane	495	U
106-93-4	1,2-Dibromoethane(EDB)	495	U
108-90-7	Chlorobenzene	495	U
630-20-6	1,1,1,2-Tetrachloroethane	495	U
100-41-4	Ethylbenzene	495	U
511-39-00	p,m-Xylene	990	U
95-47-6	o-Xylene	495	U
100-42-5	Styrene	495	U
75-25-2	Bromoform	1240	U
98-82-8	Isopropylbenzene (Cumene)	495	U
108-86-1	Bromobenzene	495	U
79-34-5	1,1,2,2-Tetrachloroethane	495	U
96-18-4	1,2,3-Trichloropropane	495	U
103-65-1	n-Propylbenzene	495	U
95-49-8	2-Chlorotoluene	495	U
106-43-4	4-Chlorotoluene	495	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD207

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746415 Lab File ID: 46415R.D

Sample wt/vol: 2.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1417

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	495	U
98-06-6	tert-Butylbenzene	495	U
95-63-6	1,2,4-Trimethylbenzene	495	U
135-98-8	sec-Butylbenzene	495	U
541-73-1	1,3-Dichlorobenzene	495	U
106-46-7	1,4-Dichlorobenzene	495	U
99-87-6	4-Isopropyltoluene	495	U
104-51-8	n-Butylbenzene	495	U
95-50-1	1,2-Dichlorobenzene	495	U
96-12-8	1,2-Dibromo-3-chloropropane	2480	U
120-82-1	1,2,4-Trichlorobenzene	495	U
87-68-3	Hexachlorobutadiene	742	U
91-20-3	Naphthalene	1450	
87-61-6	1,2,3-Trichlorobenzene	495	U
1634-04-4	MTBE	495	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD40

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746416 Lab File ID: 46416.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1136

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	870	U
74-87-3	Chloromethane	870	U
75-01-4	Vinyl chloride	870	U
74-83-9	Bromomethane	870	U
75-00-3	Chloroethane	2170	U
75-69-4	Trichlorofluoromethane	870	U
75-35-4	1,1-Dichloroethene	870	U
107-02-8	Acrolein	10900	U
74-88-4	Methyl iodide	870	U
75-15-0	Carbon disulfide	870	U
75-09-2	Methylene chloride	2170	U
156-60-5	trans-1,2-Dichloroethene	870	U
107-13-1	Acrylonitrile	2170	U
75-34-3	1,1-Dichloroethane	870	U
67-64-1	Acetone	4350	U
594-20-7	2,2-Dichloropropane	870	U
156-59-2	cis-1,2-Dichloroethene	870	U
74-97-5	Bromochloromethane	870	U
78-93-3	2-Butanone	4350	U
67-66-3	Chloroform	870	U
71-55-6	1,1,1-Trichloroethane	870	U
56-23-5	Carbon tetrachloride	870	U
563-58-6	1,1-Dichloropropene	870	U
71-43-2	Benzene	870	U
107-06-2	1,2-Dichloroethane	870	U
79-01-6	Trichloroethene	870	U
108-05-4	Vinyl acetate	1740	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD40

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746416 Lab File ID: 46416.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1136

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	870	U
74-95-3	Dibromomethane	870	U
75-27-4	Bromodichloromethane	870	U
10061-01-5	cis-1,3-Dichloropropene	870	U
108-10-1	4-Methyl-2-pentanone	1740	U
108-88-3	Toluene	454	J
10061-02-6	trans-1,3-Dichloropropene	870	U
79-00-5	1,1,2-Trichloroethane	870	U
127-18-4	Tetrachloroethene	2170	U
142-28-9	1,3-Dichloropropane	870	U
591-78-6	2-Hexanone	1740	U
124-48-1	Dibromochloromethane	870	U
106-93-4	1,2-Dibromoethane(EDB)	870	U
108-90-7	Chlorobenzene	870	U
630-20-6	1,1,1,2-Tetrachloroethane	870	U
100-41-4	Ethylbenzene	331	J
511-39-00	p,m-Xylene	1860	
95-47-6	o-Xylene	953	
100-42-5	Styrene	870	U
75-25-2	Bromoform	2170	U
98-82-8	Isopropylbenzene (Cumene)	870	U
108-86-1	Bromobenzene	870	U
79-34-5	1,1,2,2-Tetrachloroethane	870	U
96-18-4	1,2,3-Trichloropropane	870	U
103-65-1	n-Propylbenzene	870	U
95-49-8	2-Chlorotoluene	870	U
106-43-4	4-Chlorotoluene	870	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD40

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746416 Lab File ID: 46416.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1136

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	870	U
98-06-6	tert-Butylbenzene	870	U
95-63-6	1,2,4-Trimethylbenzene	1690	
135-98-8	sec-Butylbenzene	870	U
541-73-1	1,3-Dichlorobenzene	870	U
106-46-7	1,4-Dichlorobenzene	870	U
99-87-6	4-Isopropyltoluene	870	U
104-51-8	n-Butylbenzene	465	J
95-50-1	1,2-Dichlorobenzene	870	U
96-12-8	1,2-Dibromo-3-chloropropane	4350	U
120-82-1	1,2,4-Trichlorobenzene	870	U
87-68-3	Hexachlorobutadiene	1300	U
91-20-3	Naphthalene	18400	
87-61-6	1,2,3-Trichlorobenzene	870	U
1634-04-4	MTBE	870	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD209

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746417 Lab File ID: 46417.D

Sample wt/vol: 1.93 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1044

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	518	U
74-87-3	Chloromethane	518	U
75-01-4	Vinyl chloride	518	U
74-83-9	Bromomethane	518	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	518	U
75-35-4	1,1-Dichloroethene	518	U
107-02-8	Acrolein	6480	U
74-88-4	Methyl iodide	518	U
75-15-0	Carbon disulfide	518	U
75-09-2	Methylene chloride	1300	U
156-60-5	trans-1,2-Dichloroethene	518	U
107-13-1	Acrylonitrile	1300	U
75-34-3	1,1-Dichloroethane	518	U
67-64-1	Acetone	5090	
594-20-7	2,2-Dichloropropane	518	U
156-59-2	cis-1,2-Dichloroethene	518	U
74-97-5	Bromochloromethane	518	U
78-93-3	2-Butanone	2590	U
67-66-3	Chloroform	518	U
71-55-6	1,1,1-Trichloroethane	518	U
56-23-5	Carbon tetrachloride	518	U
563-58-6	1,1-Dichloropropene	518	U
71-43-2	Benzene	518	U
107-06-2	1,2-Dichloroethane	518	U
79-01-6	Trichloroethene	518	U
108-05-4	Vinyl acetate	1040	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD209

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746417 Lab File ID: 46417.D

Sample wt/vol: 1.93 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1044

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	518	U
74-95-3	Dibromomethane	518	U
75-27-4	Bromodichloromethane	518	U
10061-01-5	cis-1,3-Dichloropropene	518	U
108-10-1	4-Methyl-2-pentanone	1040	U
108-88-3	Toluene	518	U
10061-02-6	trans-1,3-Dichloropropene	518	U
79-00-5	1,1,2-Trichloroethane	518	U
127-18-4	Tetrachloroethene	1300	U
142-28-9	1,3-Dichloropropane	518	U
591-78-6	2-Hexanone	1040	U
124-48-1	Dibromochloromethane	518	U
106-93-4	1,2-Dibromoethane(EDB)	518	U
108-90-7	Chlorobenzene	518	U
630-20-6	1,1,1,2-Tetrachloroethane	518	U
100-41-4	Ethylbenzene	518	U
511-39-00	p,m-Xylene	1040	U
95-47-6	o-Xylene	518	U
100-42-5	Styrene	518	U
75-25-2	Bromoform	1300	U
98-82-8	Isopropylbenzene (Cumene)	518	U
108-86-1	Bromobenzene	518	U
79-34-5	1,1,2,2-Tetrachloroethane	518	U
96-18-4	1,2,3-Trichloropropane	518	U
103-65-1	n-Propylbenzene	518	U
95-49-8	2-Chlorotoluene	518	U
106-43-4	4-Chlorotoluene	518	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD209

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746417 Lab File ID: 46417.D

Sample wt/vol: 1.93 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1044

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	518	U
98-06-6	tert-Butylbenzene	518	U
95-63-6	1,2,4-Trimethylbenzene	342	J
135-98-8	sec-Butylbenzene	518	U
541-73-1	1,3-Dichlorobenzene	518	U
106-46-7	1,4-Dichlorobenzene	518	U
99-87-6	4-Isopropyltoluene	518	U
104-51-8	n-Butylbenzene	98.1	J
95-50-1	1,2-Dichlorobenzene	518	U
96-12-8	1,2-Dibromo-3-chloropropane	2590	U
120-82-1	1,2,4-Trichlorobenzene	518	U
87-68-3	Hexachlorobutadiene	777	U
91-20-3	Naphthalene	1170	
87-61-6	1,2,3-Trichlorobenzene	518	U
1634-04-4	MTBE	518	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD198

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746418 Lab File ID: 46418.D

Sample wt/vol: 1.64 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1203

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2440	U
74-87-3	Chloromethane	2440	U
75-01-4	Vinyl chloride	2440	U
74-83-9	Bromomethane	2440	U
75-00-3	Chloroethane	6100	U
75-69-4	Trichlorofluoromethane	2440	U
75-35-4	1,1-Dichloroethene	2440	U
107-02-8	Acrolein	30500	U
74-88-4	Methyl iodide	2440	U
75-15-0	Carbon disulfide	2440	U
75-09-2	Methylene chloride	6100	U
156-60-5	trans-1,2-Dichloroethene	2440	U
107-13-1	Acrylonitrile	6100	U
75-34-3	1,1-Dichloroethane	2440	U
67-64-1	Acetone	10000	J
594-20-7	2,2-Dichloropropane	2440	U
156-59-2	cis-1,2-Dichloroethene	2440	U
74-97-5	Bromochloromethane	2440	U
78-93-3	2-Butanone	12200	U
67-66-3	Chloroform	2440	U
71-55-6	1,1,1-Trichloroethane	2440	U
56-23-5	Carbon tetrachloride	2440	U
563-58-6	1,1-Dichloropropene	2440	U
71-43-2	Benzene	2440	U
107-06-2	1,2-Dichloroethane	2440	U
79-01-6	Trichloroethene	797	J
108-05-4	Vinyl acetate	4880	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD198

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746418 Lab File ID: 46418.D

Sample wt/vol: 1.64 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1203

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2440	U
74-95-3	Dibromomethane	2440	U
75-27-4	Bromodichloromethane	2440	U
10061-01-5	cis-1,3-Dichloropropene	2440	U
108-10-1	4-Methyl-2-pentanone	4880	U
108-88-3	Toluene	4080	
10061-02-6	trans-1,3-Dichloropropene	2440	U
79-00-5	1,1,2-Trichloroethane	2440	U
127-18-4	Tetrachloroethene	6100	U
142-28-9	1,3-Dichloropropane	2440	U
591-78-6	2-Hexanone	4880	U
124-48-1	Dibromochloromethane	2440	U
106-93-4	1,2-Dibromoethane(EDB)	2440	U
108-90-7	Chlorobenzene	2440	U
630-20-6	1,1,1,2-Tetrachloroethane	2440	U
100-41-4	Ethylbenzene	921	J
511-39-00	p,m-Xylene	2900	J
95-47-6	o-Xylene	2440	U
100-42-5	Styrene	2440	U
75-25-2	Bromoform	6100	U
98-82-8	Isopropylbenzene (Cumene)	2440	U
108-86-1	Bromobenzene	2440	U
79-34-5	1,1,2,2-Tetrachloroethane	2440	U
96-18-4	1,2,3-Trichloropropane	2440	U
103-65-1	n-Propylbenzene	2440	U
95-49-8	2-Chlorotoluene	2440	U
106-43-4	4-Chlorotoluene	2440	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD198

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746418 Lab File ID: 46418.D

Sample wt/vol: 1.64 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1203

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2440	U
98-06-6	tert-Butylbenzene	2440	U
95-63-6	1,2,4-Trimethylbenzene	2440	U
135-98-8	sec-Butylbenzene	2440	U
541-73-1	1,3-Dichlorobenzene	2440	U
106-46-7	1,4-Dichlorobenzene	2440	U
99-87-6	4-Isopropyltoluene	2440	U
104-51-8	n-Butylbenzene	2440	U
95-50-1	1,2-Dichlorobenzene	2440	U
96-12-8	1,2-Dibromo-3-chloropropane	12200	U
120-82-1	1,2,4-Trichlorobenzene	2440	U
87-68-3	Hexachlorobutadiene	3660	U
91-20-3	Naphthalene	4390	
87-61-6	1,2,3-Trichlorobenzene	2440	U
1634-04-4	MTBE	2440	U

QC Summary

140907 1446

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA24

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 090507BLKA24 Lab File ID: BLK24.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2211

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA24

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 090507BLKA24 Lab File ID: BLK24.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2211

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA24

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 090507BLKA24 Lab File ID: BLK24.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2211

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090507LCSA24

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1930	96.5		30.0	45 - 128
Chloromethane	2000	2380	119.0		30.0	70 - 130
Vinyl chloride	2000	1860	93.0		30.0	70 - 130
Bromomethane	2000	2160	108.0		30.0	39 - 148
Chloroethane	2000	2030	102.0		30.0	55 - 139
Trichlorofluoromethane	2000	2190	110.0		30.0	70 - 130
1,1-Dichloroethene	2000	2000	100.0		30.0	70 - 130
Acrolein	6000	3790	63.2 *		30.0	69 - 130
Methyl iodide	2000	2220	111.0		30.0	55 - 133
Carbon disulfide	2000	2060	103.0		30.0	65 - 130
Methylene chloride	2000	2220	111.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2110	106.0		30.0	70 - 130
Acrylonitrile	6000	6580	110.0		30.0	70 - 130
1,1-Dichloroethane	2000	2040	102.0		30.0	70 - 130
Acetone	6000	7110	118.0		30.0	58 - 133
2,2-Dichloropropane	2000	1810	90.5		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2080	104.0		30.0	70 - 130
Bromochloromethane	2000	2180	109.0		30.0	70 - 130
2-Butanone	6000	6450	108.0		30.0	70 - 130
Chloroform	2000	2140	107.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2000	100.0		30.0	70 - 130
Carbon tetrachloride	2000	1870	93.5		30.0	70 - 130
1,1-Dichloropropene	2000	2070	104.0		30.0	70 - 130
Benzene	2000	2050	102.0		30.0	70 - 130
1,2-Dichloroethane	2000	2190	110.0		30.0	70 - 130
Trichloroethene	2000	2100	105.0		30.0	70 - 130
Vinyl acetate	2000	2070	104.0		30.0	70 - 130
1,2-Dichloropropane	2000	2140	107.0		30.0	70 - 130
Dibromomethane	2000	2210	110.0		30.0	70 - 130
Bromodichloromethane	2000	2140	107.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2100	105.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6550	109.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

140907 1446

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090507LCSA24

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2110	106.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2150	108.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2190	110.0		30.0	70 - 130
Tetrachloroethene	2000	2230	112.0		30.0	70 - 130
1,3-Dichloropropane	2000	2090	104.0		30.0	70 - 130
2-Hexanone	6000	6570	110.0		30.0	70 - 130
Dibromochloromethane	2000	2050	102.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2120	106.0		30.0	70 - 130
Chlorobenzene	2000	2150	108.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1980	99.0		30.0	70 - 130
Ethylbenzene	2000	2030	102.0		30.0	70 - 130
p,m-Xylene	4000	4180	104.0		30.0	70 - 130
o-Xylene	2000	2100	105.0		30.0	70 - 130
Styrene	2000	2160	108.0		30.0	70 - 130
Bromoform	2000	2060	103.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2150	108.0		30.0	70 - 130
Bromobenzene	2000	2020	101.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2100	105.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2000	100.0		30.0	70 - 130
n-Propylbenzene	2000	2020	101.0		30.0	70 - 130
2-Chlorotoluene	2000	2070	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2140	107.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2110	106.0		30.0	70 - 130
tert-Butylbenzene	2000	2000	100.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2060	103.0		30.0	70 - 130
sec-Butylbenzene	2000	1970	98.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	2040	102.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	2050	102.0		30.0	70 - 130
4-Isopropyltoluene	2000	2010	100.0		30.0	70 - 130
n-Butylbenzene	2000	1980	99.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	1990	99.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2170	108.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

140907 1446

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090507LCSA24

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1970	98.5		30.0	65 - 130
Hexachlorobutadiene	2000	1930	96.5		30.0	70 - 130
Naphthalene	2000	2040	102.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2030	102.0		30.0	70 - 130
MTBE	2000	2320	116.0		30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

140907 1446

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090607LCSA21

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1980	99.0		30.0	45 - 128
Chloromethane	2000	1880	94.0		30.0	70 - 130
Vinyl chloride	2000	1830	91.5		30.0	70 - 130
Bromomethane	2000	1890	94.5		30.0	39 - 148
Chloroethane	2000	1840	92.0		30.0	55 - 139
Trichlorofluoromethane	2000	2080	104.0		30.0	70 - 130
1,1-Dichloroethene	2000	1900	95.0		30.0	70 - 130
Acrolein	6000	5880	98.0		30.0	69 - 130
Methyl iodide	2000	1940	97.0		30.0	55 - 133
Carbon disulfide	2000	2420	121.0		30.0	65 - 130
Methylene chloride	2000	2010	100.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	1870	93.5		30.0	70 - 130
Acrylonitrile	6000	5990	99.8		30.0	70 - 130
1,1-Dichloroethane	2000	2010	100.0		30.0	70 - 130
Acetone	6000	5860	97.7		30.0	58 - 133
2,2-Dichloropropane	2000	2180	109.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2010	100.0		30.0	70 - 130
Bromochloromethane	2000	1980	99.0		30.0	70 - 130
2-Butanone	6000	5440	90.7		30.0	70 - 130
Chloroform	2000	2100	105.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1960	98.0		30.0	70 - 130
Carbon tetrachloride	2000	1930	96.5		30.0	70 - 130
1,1-Dichloropropene	2000	1900	95.0		30.0	70 - 130
Benzene	2000	1930	96.5		30.0	70 - 130
1,2-Dichloroethane	2000	2060	103.0		30.0	70 - 130
Trichloroethene	2000	2020	101.0		30.0	70 - 130
Vinyl acetate	2000	2070	104.0		30.0	70 - 130
1,2-Dichloropropane	2000	2030	102.0		30.0	70 - 130
Dibromomethane	2000	2020	101.0		30.0	70 - 130
Bromodichloromethane	2000	2010	100.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2080	104.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6010	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

140907 1446

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2020	101.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2030	102.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2030	102.0		30.0	70 - 130
Tetrachloroethene	2000	1950	97.5		30.0	70 - 130
1,3-Dichloropropane	2000	1910	95.5		30.0	70 - 130
2-Hexanone	6000	5350	89.2		30.0	70 - 130
Dibromochloromethane	2000	1970	98.5		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1980	99.0		30.0	70 - 130
Chlorobenzene	2000	1990	99.5		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2120	106.0		30.0	70 - 130
Ethylbenzene	2000	1900	95.0		30.0	70 - 130
p,m-Xylene	4000	3960	99.0		30.0	70 - 130
o-Xylene	2000	2020	101.0		30.0	70 - 130
Styrene	2000	2290	114.0		30.0	70 - 130
Bromoform	2000	1800	90.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2010	100.0		30.0	70 - 130
Bromobenzene	2000	2050	102.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1940	97.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2040	102.0		30.0	70 - 130
n-Propylbenzene	2000	1900	95.0		30.0	70 - 130
2-Chlorotoluene	2000	2070	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2090	104.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2120	106.0		30.0	70 - 130
tert-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2090	104.0		30.0	70 - 130
sec-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2040	102.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1970	98.5		30.0	70 - 130
4-Isopropyltoluene	2000	1980	99.0		30.0	70 - 130
n-Butylbenzene	2000	1990	99.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	2030	102.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2040	102.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

140907 1446

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090607LCSA21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1780	89.0		30.0	65 - 130
Hexachlorobutadiene	2000	1780	89.0		30.0	70 - 130
Naphthalene	2000	2000	100.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1950	97.5		30.0	70 - 130
MTBE	2000	2110	106.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

140907 1446

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

140907 1446

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 2,6-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Nitroaniline, 4-Nitrophenol, bis(2-ethylhexyl)phthalate, Di-n-octylphthalate.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

Sample 3417BLK was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 123 % with criteria of (30-115), Nitrobenzene-d5 at 123 % with criteria of (23-120), Phenol-d5 at 120 % with criteria of (24-113).

Sample NPPD198 was recovered below criteria for the following surrogate(s): Phenol-d5 at 18.6 % with criteria of (24-113).

Sample NPPD199 was recovered below criteria for the following surrogate(s): Phenol-d5 at 15.3 % with criteria of (24-113).

Sample NPPD203 was recovered below criteria for the following surrogate(s): Phenol-d5 at 13.2 % with criteria of (24-113).

Sample NPPD212 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 116 % with criteria of (30-115).

Sample NPPD213 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 116 % with criteria of (30-115).

Sample NPPD215 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 118 % with criteria of (30-115).

Sample NPPD216 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 118 % with criteria of (30-115).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPPD208DL1

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3417LCS was analyzed with the soil samples extracted on 09/06/07. The following analyte(s) were recovered below criteria: 2,4-Dimethylphenol at 50.2 % with criteria of (65-105), 2,4-Dinitrophenol at 0 % with criteria of (29-130), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), Pentachlorophenol at 0 % with criteria of (36-120). and the following analyte(s) were recovered above criteria 1,4-Dichlorobenzene at 107 % with criteria of (62-105), 2-Chloronaphthalene at 106 % with criteria of (72-105), 2-Methylnaphthalene at 116 % with criteria of (72-105), 4-Chloro-3-methylphenol at 116 % with criteria of (62-115), 4-Chlorophenyl-phenylether at 114 % with criteria of (65-110), 4-Methylphenol at 106 % with criteria of (57-105), Acenaphthylene at 107 % with criteria of (66-105), Anthracene at 108 % with criteria of (67-105), Dimethyl-phthalate at 112 % with criteria of (69-110), Fluorene at 113 % with criteria of (67-

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

110), Hexachloroethane at 114 % with criteria of (65-110), Naphthalene at 111 % with criteria of (67-105) N-Nitrosodiphenylamine at 117 % with criteria of (77-115). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 105 % with criteria of (60-100), 1,3-Dichlorobenzene at 111 % with criteria of (61.5-105.5), 2,4-Dimethylphenol at 50.2 % with criteria of (58.3-111.7), 2,4-Dinitrophenol at 0 % with criteria of (12.2-146.8), 2-Methylnaphthalene at 116 % with criteria of (66.5-110.5), Bis(2-Chloroethyl)ether at 115 % with criteria of (53.7-112.3), Dibenzofuran at 113 % with criteria of (70-110), Diethylphthalate at 123 % with criteria of (60.2-122.8), N-Nitrosodimethylamine at 133 % with criteria of (36.8-126.2), Pentachlorophenol at 0 % with criteria of (22-134), Phenol at 114 % with criteria of (37-109).

The recoveries are directly related to the final volume adjustment of 10mL for the LCS to demonstrate recoveries that would be found in the samples.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
The following samples were analyzed at a 1:10 dilution due to non-target analyte interferences:
Sample NPPD194
Sample NPPD197
Sample NPPD198
Sample NPPD199
Sample NPPD203
Sample NPPD206
Sample NPPD207
Sample NPPD208
Sample NPPD209
Sample NPPD212
Sample NPPD213
Sample NPPD214
Sample NPPD215
Sample NPPD216
Sample NPPD217
Sample NPPD218
Sample NPPD40

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

Sample NPPD41

Sample NPPD208 required a 1:100 dilution due to high concentration of the following analyte(s): 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene. Both full and diluted runs are reported.

All samples were only brought to a final volume of 10mL due to the nature of the samples.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/12/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Method: 8270

EPA Sample No	Lab Sample ID
NPPD194	250746401
NPPD212	250746402
NPPD213	250746403
NPPD217	250746404
NPPD203	250746405
NPPD218	250746406
NPPD214	250746407
NPPD206	250746408
NPPD41	250746409
NPPD216	250746410
NPPD215	250746411
NPPD197	250746412
NPPD199	250746413
NPPD208	250746414
NPPD208DL1	250746414DL1
NPPD207	250746415
NPPD40	250746416
NPPD209	250746417
NPPD198	250746418

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Sample Data

140907 1446

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD194

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746401 Lab File ID: 464-01DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1731

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD194

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746401 Lab File ID: 464-01DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1731

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD194

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746401 Lab File ID: 464-01DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1731

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD212

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746402 Lab File ID: 464-02DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1800

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	396000	U
62-53-3	Aniline	396000	U
111-44-4	Bis(2-Chloroethyl)ether	396000	U
108-95-2	Phenol	129000	J
95-57-8	2-Chlorophenol	396000	U
541-73-1	1,3-Dichlorobenzene	396000	U
106-46-7	1,4-Dichlorobenzene	396000	U
95-50-1	1,2-Dichlorobenzene	396000	U
100-51-6	Benzyl alcohol	990000	U
108-60-1	2,2-Oxybis(1-chloropropane)	401000	U
95-48-7	2-Methylphenol (o-Cresol)	396000	U
67-72-1	Hexachloroethane	401000	U
621-64-7	N-Nitroso-di-n-propylamine	396000	U
106-44-5	4-Methylphenol	396000	U
98-95-3	Nitrobenzene	396000	U
78-59-1	Isophorone	396000	U
88-75-5	2-Nitrophenol	396000	U
105-67-9	2,4-Dimethylphenol	396000	U
65-85-0	Benzoic acid	1980000	U
111-91-1	Bis(2-Chloroethoxy)methane	396000	U
120-83-2	2,4-Dichlorophenol	396000	U
120-82-1	1,2,4-Trichlorobenzene	396000	U
91-20-3	Naphthalene	396000	U
106-47-8	4-Chloroaniline	396000	U
91-57-6	2-Methylnaphthalene	396000	U
87-68-3	Hexachlorobutadiene	396000	U
59-50-7	4-Chloro-3-methylphenol	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD212

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746402 Lab File ID: 464-02DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1800

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	396000	U
77-47-4	Hexachlorocyclopentadiene	990000	U
88-06-2	2,4,6-Trichlorophenol	396000	U
95-95-4	2,4,5-Trichlorophenol	396000	U
91-58-7	2-Chloronaphthalene	401000	U
88-74-4	2-Nitroaniline	396000	U
208-96-8	Acenaphthylene	396000	U
131-11-3	Dimethyl-phthalate	396000	U
606-20-2	2,6-Dinitrotoluene	396000	U
83-32-9	Acenaphthene	396000	U
99-09-2	3-Nitroaniline	396000	U
51-28-5	2,4-Dinitrophenol	1990000	U
132-64-9	Dibenzofuran	396000	U
121-14-2	2,4-Dinitrotoluene	396000	U
100-02-7	4-Nitrophenol	990000	U
86-73-7	Fluorene	396000	U
7005-72-3	4-Chlorophenyl-phenylether	396000	U
84-66-2	Diethylphthalate	396000	U
100-01-6	4-Nitroaniline	396000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1980000	U
86-30-6	N-Nitrosodiphenylamine	396000	U
101-55-3	4-Bromophenyl-phenylether	396000	U
118-74-1	Hexachlorobenzene	396000	U
87-86-5	Pentachlorophenol	1980000	U
85-01-8	Phenanthrene	396000	U
120-12-7	Anthracene	396000	U
84-74-2	Di-n-butylphthalate	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD212

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746402 Lab File ID: 464-02DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1800

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	396000	U
129-00-0	Pyrene	396000	U
92-87-5	Benzidine	995000	U
85-68-7	Butylbenzylphthalate	396000	U
91-94-1	3,3'-Dichlorobenzidine	396000	U
56-55-3	Benzo(a)anthracene	396000	U
218-01-9	Chrysene	396000	U
117-81-7	bis(2-ethylhexyl)phthalate	396000	U
117-84-0	Di-n-octylphthalate	396000	U
205-99-2	Benzo(b)fluoranthene	396000	U
207-08-9	Benzo(k)fluoranthene	396000	U
50-32-8	Benzo(a)pyrene	396000	U
193-39-5	Indeno(1,2,3-cd)pyrene	396000	U
53-70-3	Dibenz(a,h)anthracene	396000	U
191-24-2	Benzo(g,h,i)perylene	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD213

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746403 Lab File ID: 464-03DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1830

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD213

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746403 Lab File ID: 464-03DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1830

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD213

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746403 Lab File ID: 464-03DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1830

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD217

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746404 Lab File ID: 464-04DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1900

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD217

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746404 Lab File ID: 464-04DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1900

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD217

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746404 Lab File ID: 464-04DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1900

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD203

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405 Lab File ID: 464-05DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1929

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	1790000	U
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD203

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405 Lab File ID: 464-05DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1929

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	358000	U
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD203

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405 Lab File ID: 464-05DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1929

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD218

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746406 Lab File ID: 464-06DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1959

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	396000	U
62-53-3	Aniline	396000	U
111-44-4	Bis(2-Chloroethyl)ether	396000	U
108-95-2	Phenol	1980000	U
95-57-8	2-Chlorophenol	396000	U
541-73-1	1,3-Dichlorobenzene	396000	U
106-46-7	1,4-Dichlorobenzene	396000	U
95-50-1	1,2-Dichlorobenzene	396000	U
100-51-6	Benzyl alcohol	990000	U
108-60-1	2,2-Oxybis(1-chloropropane)	401000	U
95-48-7	2-Methylphenol (o-Cresol)	396000	U
67-72-1	Hexachloroethane	401000	U
621-64-7	N-Nitroso-di-n-propylamine	396000	U
106-44-5	4-Methylphenol	396000	U
98-95-3	Nitrobenzene	396000	U
78-59-1	Isophorone	396000	U
88-75-5	2-Nitrophenol	396000	U
105-67-9	2,4-Dimethylphenol	396000	U
65-85-0	Benzoic acid	1980000	U
111-91-1	Bis(2-Chloroethoxy)methane	396000	U
120-83-2	2,4-Dichlorophenol	396000	U
120-82-1	1,2,4-Trichlorobenzene	396000	U
91-20-3	Naphthalene	396000	U
106-47-8	4-Chloroaniline	396000	U
91-57-6	2-Methylnaphthalene	396000	U
87-68-3	Hexachlorobutadiene	396000	U
59-50-7	4-Chloro-3-methylphenol	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD218

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746406 Lab File ID: 464-06DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1959

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	396000	U
77-47-4	Hexachlorocyclopentadiene	990000	U
88-06-2	2,4,6-Trichlorophenol	396000	U
95-95-4	2,4,5-Trichlorophenol	396000	U
91-58-7	2-Chloronaphthalene	401000	U
88-74-4	2-Nitroaniline	396000	U
208-96-8	Acenaphthylene	396000	U
131-11-3	Dimethyl-phthalate	396000	U
606-20-2	2,6-Dinitrotoluene	396000	U
83-32-9	Acenaphthene	396000	U
99-09-2	3-Nitroaniline	396000	U
51-28-5	2,4-Dinitrophenol	1990000	U
132-64-9	Dibenzofuran	396000	U
121-14-2	2,4-Dinitrotoluene	396000	U
100-02-7	4-Nitrophenol	990000	U
86-73-7	Fluorene	396000	U
7005-72-3	4-Chlorophenyl-phenylether	396000	U
84-66-2	Diethylphthalate	396000	U
100-01-6	4-Nitroaniline	396000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1980000	U
86-30-6	N-Nitrosodiphenylamine	396000	U
101-55-3	4-Bromophenyl-phenylether	396000	U
118-74-1	Hexachlorobenzene	396000	U
87-86-5	Pentachlorophenol	1980000	U
85-01-8	Phenanthrene	396000	U
120-12-7	Anthracene	396000	U
84-74-2	Di-n-butylphthalate	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD218

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746406 Lab File ID: 464-06DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1959

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	396000	U
129-00-0	Pyrene	396000	U
92-87-5	Benzidine	995000	U
85-68-7	Butylbenzylphthalate	396000	U
91-94-1	3,3'-Dichlorobenzidine	396000	U
56-55-3	Benzo(a)anthracene	396000	U
218-01-9	Chrysene	396000	U
117-81-7	bis(2-ethylhexyl)phthalate	396000	U
117-84-0	Di-n-octylphthalate	396000	U
205-99-2	Benzo(b)fluoranthene	396000	U
207-08-9	Benzo(k)fluoranthene	396000	U
50-32-8	Benzo(a)pyrene	396000	U
193-39-5	Indeno(1,2,3-cd)pyrene	396000	U
53-70-3	Dibenz(a,h)anthracene	396000	U
191-24-2	Benzo(g,h,i)perylene	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD214

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746407 Lab File ID: 464-07DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2028

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	396000	U
62-53-3	Aniline	396000	U
111-44-4	Bis(2-Chloroethyl)ether	396000	U
108-95-2	Phenol	1980000	U
95-57-8	2-Chlorophenol	396000	U
541-73-1	1,3-Dichlorobenzene	396000	U
106-46-7	1,4-Dichlorobenzene	396000	U
95-50-1	1,2-Dichlorobenzene	396000	U
100-51-6	Benzyl alcohol	990000	U
108-60-1	2,2-Oxybis(1-chloropropane)	401000	U
95-48-7	2-Methylphenol (o-Cresol)	396000	U
67-72-1	Hexachloroethane	401000	U
621-64-7	N-Nitroso-di-n-propylamine	396000	U
106-44-5	4-Methylphenol	396000	U
98-95-3	Nitrobenzene	396000	U
78-59-1	Isophorone	396000	U
88-75-5	2-Nitrophenol	396000	U
105-67-9	2,4-Dimethylphenol	396000	U
65-85-0	Benzoic acid	1980000	U
111-91-1	Bis(2-Chloroethoxy)methane	396000	U
120-83-2	2,4-Dichlorophenol	396000	U
120-82-1	1,2,4-Trichlorobenzene	396000	U
91-20-3	Naphthalene	396000	U
106-47-8	4-Chloroaniline	396000	U
91-57-6	2-Methylnaphthalene	100000	J
87-68-3	Hexachlorobutadiene	396000	U
59-50-7	4-Chloro-3-methylphenol	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD214

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746407 Lab File ID: 464-07DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2028

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	396000	U
77-47-4	Hexachlorocyclopentadiene	990000	U
88-06-2	2,4,6-Trichlorophenol	396000	U
95-95-4	2,4,5-Trichlorophenol	396000	U
91-58-7	2-Chloronaphthalene	401000	U
88-74-4	2-Nitroaniline	396000	U
208-96-8	Acenaphthylene	396000	U
131-11-3	Dimethyl-phthalate	396000	U
606-20-2	2,6-Dinitrotoluene	396000	U
83-32-9	Acenaphthene	396000	U
99-09-2	3-Nitroaniline	396000	U
51-28-5	2,4-Dinitrophenol	1990000	U
132-64-9	Dibenzofuran	396000	U
121-14-2	2,4-Dinitrotoluene	396000	U
100-02-7	4-Nitrophenol	990000	U
86-73-7	Fluorene	396000	U
7005-72-3	4-Chlorophenyl-phenylether	396000	U
84-66-2	Diethylphthalate	396000	U
100-01-6	4-Nitroaniline	396000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1980000	U
86-30-6	N-Nitrosodiphenylamine	396000	U
101-55-3	4-Bromophenyl-phenylether	396000	U
118-74-1	Hexachlorobenzene	396000	U
87-86-5	Pentachlorophenol	1980000	U
85-01-8	Phenanthrene	396000	U
120-12-7	Anthracene	396000	U
84-74-2	Di-n-butylphthalate	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD214

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746407 Lab File ID: 464-07DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2028

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	396000	U
129-00-0	Pyrene	396000	U
92-87-5	Benzidine	995000	U
85-68-7	Butylbenzylphthalate	396000	U
91-94-1	3,3'-Dichlorobenzidine	396000	U
56-55-3	Benzo(a)anthracene	396000	U
218-01-9	Chrysene	396000	U
117-81-7	bis(2-ethylhexyl)phthalate	396000	U
117-84-0	Di-n-octylphthalate	396000	U
205-99-2	Benzo(b)fluoranthene	396000	U
207-08-9	Benzo(k)fluoranthene	396000	U
50-32-8	Benzo(a)pyrene	396000	U
193-39-5	Indeno(1,2,3-cd)pyrene	396000	U
53-70-3	Dibenz(a,h)anthracene	396000	U
191-24-2	Benzo(g,h,i)perylene	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD206

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746408 Lab File ID: 464-08DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2058

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	351000	U
62-53-3	Aniline	351000	U
111-44-4	Bis(2-Chloroethyl)ether	351000	U
108-95-2	Phenol	1760000	U
95-57-8	2-Chlorophenol	351000	U
541-73-1	1,3-Dichlorobenzene	351000	U
106-46-7	1,4-Dichlorobenzene	351000	U
95-50-1	1,2-Dichlorobenzene	351000	U
100-51-6	Benzyl alcohol	878000	U
108-60-1	2,2-Oxybis(1-chloropropane)	355000	U
95-48-7	2-Methylphenol (o-Cresol)	351000	U
67-72-1	Hexachloroethane	355000	U
621-64-7	N-Nitroso-di-n-propylamine	351000	U
106-44-5	4-Methylphenol	351000	U
98-95-3	Nitrobenzene	351000	U
78-59-1	Isophorone	351000	U
88-75-5	2-Nitrophenol	351000	U
105-67-9	2,4-Dimethylphenol	351000	U
65-85-0	Benzoic acid	1760000	U
111-91-1	Bis(2-Chloroethoxy)methane	351000	U
120-83-2	2,4-Dichlorophenol	351000	U
120-82-1	1,2,4-Trichlorobenzene	351000	U
91-20-3	Naphthalene	351000	U
106-47-8	4-Chloroaniline	351000	U
91-57-6	2-Methylnaphthalene	351000	U
87-68-3	Hexachlorobutadiene	351000	U
59-50-7	4-Chloro-3-methylphenol	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD206

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746408 Lab File ID: 464-08DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2058

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	351000	U
77-47-4	Hexachlorocyclopentadiene	878000	U
88-06-2	2,4,6-Trichlorophenol	351000	U
95-95-4	2,4,5-Trichlorophenol	351000	U
91-58-7	2-Chloronaphthalene	355000	U
88-74-4	2-Nitroaniline	351000	U
208-96-8	Acenaphthylene	351000	U
131-11-3	Dimethyl-phthalate	351000	U
606-20-2	2,6-Dinitrotoluene	351000	U
83-32-9	Acenaphthene	351000	U
99-09-2	3-Nitroaniline	351000	U
51-28-5	2,4-Dinitrophenol	1760000	U
132-64-9	Dibenzofuran	351000	U
121-14-2	2,4-Dinitrotoluene	351000	U
100-02-7	4-Nitrophenol	878000	U
86-73-7	Fluorene	351000	U
7005-72-3	4-Chlorophenyl-phenylether	351000	U
84-66-2	Diethylphthalate	351000	U
100-01-6	4-Nitroaniline	351000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1760000	U
86-30-6	N-Nitrosodiphenylamine	351000	U
101-55-3	4-Bromophenyl-phenylether	351000	U
118-74-1	Hexachlorobenzene	351000	U
87-86-5	Pentachlorophenol	1760000	U
85-01-8	Phenanthrene	351000	U
120-12-7	Anthracene	351000	U
84-74-2	Di-n-butylphthalate	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD206

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746408 Lab File ID: 464-08DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2058

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	351000	U
129-00-0	Pyrene	351000	U
92-87-5	Benzidine	882000	U
85-68-7	Butylbenzylphthalate	351000	U
91-94-1	3,3'-Dichlorobenzidine	351000	U
56-55-3	Benzo(a)anthracene	351000	U
218-01-9	Chrysene	351000	U
117-81-7	bis(2-ethylhexyl)phthalate	351000	U
117-84-0	Di-n-octylphthalate	351000	U
205-99-2	Benzo(b)fluoranthene	351000	U
207-08-9	Benzo(k)fluoranthene	351000	U
50-32-8	Benzo(a)pyrene	351000	U
193-39-5	Indeno(1,2,3-cd)pyrene	351000	U
53-70-3	Dibenz(a,h)anthracene	351000	U
191-24-2	Benzo(g,h,i)perylene	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD41

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746409 Lab File ID: 464-09DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2128

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	393000	U
62-53-3	Aniline	393000	U
111-44-4	Bis(2-Chloroethyl)ether	393000	U
108-95-2	Phenol	67600	J
95-57-8	2-Chlorophenol	393000	U
541-73-1	1,3-Dichlorobenzene	393000	U
106-46-7	1,4-Dichlorobenzene	393000	U
95-50-1	1,2-Dichlorobenzene	393000	U
100-51-6	Benzyl alcohol	981000	U
108-60-1	2,2-Oxybis(1-chloropropane)	397000	U
95-48-7	2-Methylphenol (o-Cresol)	393000	U
67-72-1	Hexachloroethane	397000	U
621-64-7	N-Nitroso-di-n-propylamine	393000	U
106-44-5	4-Methylphenol	393000	U
98-95-3	Nitrobenzene	393000	U
78-59-1	Isophorone	393000	U
88-75-5	2-Nitrophenol	393000	U
105-67-9	2,4-Dimethylphenol	393000	U
65-85-0	Benzoic acid	1960000	U
111-91-1	Bis(2-Chloroethoxy)methane	393000	U
120-83-2	2,4-Dichlorophenol	393000	U
120-82-1	1,2,4-Trichlorobenzene	393000	U
91-20-3	Naphthalene	393000	U
106-47-8	4-Chloroaniline	393000	U
91-57-6	2-Methylnaphthalene	113000	J
87-68-3	Hexachlorobutadiene	393000	U
59-50-7	4-Chloro-3-methylphenol	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD41

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746409 Lab File ID: 464-09DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2128

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	393000	U
77-47-4	Hexachlorocyclopentadiene	981000	U
88-06-2	2,4,6-Trichlorophenol	393000	U
95-95-4	2,4,5-Trichlorophenol	393000	U
91-58-7	2-Chloronaphthalene	397000	U
88-74-4	2-Nitroaniline	393000	U
208-96-8	Acenaphthylene	393000	U
131-11-3	Dimethyl-phthalate	393000	U
606-20-2	2,6-Dinitrotoluene	393000	U
83-32-9	Acenaphthene	393000	U
99-09-2	3-Nitroaniline	393000	U
51-28-5	2,4-Dinitrophenol	1970000	U
132-64-9	Dibenzofuran	393000	U
121-14-2	2,4-Dinitrotoluene	393000	U
100-02-7	4-Nitrophenol	981000	U
86-73-7	Fluorene	393000	U
7005-72-3	4-Chlorophenyl-phenylether	393000	U
84-66-2	Diethylphthalate	393000	U
100-01-6	4-Nitroaniline	393000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1960000	U
86-30-6	N-Nitrosodiphenylamine	393000	U
101-55-3	4-Bromophenyl-phenylether	393000	U
118-74-1	Hexachlorobenzene	393000	U
87-86-5	Pentachlorophenol	1960000	U
85-01-8	Phenanthrene	393000	U
120-12-7	Anthracene	393000	U
84-74-2	Di-n-butylphthalate	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD41

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746409 Lab File ID: 464-09DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2128

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	393000	U
129-00-0	Pyrene	393000	U
92-87-5	Benzidine	985000	U
85-68-7	Butylbenzylphthalate	393000	U
91-94-1	3,3'-Dichlorobenzidine	393000	U
56-55-3	Benzo(a)anthracene	393000	U
218-01-9	Chrysene	393000	U
117-81-7	bis(2-ethylhexyl)phthalate	393000	U
117-84-0	Di-n-octylphthalate	393000	U
205-99-2	Benzo(b)fluoranthene	393000	U
207-08-9	Benzo(k)fluoranthene	393000	U
50-32-8	Benzo(a)pyrene	393000	U
193-39-5	Indeno(1,2,3-cd)pyrene	393000	U
53-70-3	Dibenz(a,h)anthracene	393000	U
191-24-2	Benzo(g,h,i)perylene	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD216

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746410 Lab File ID: 464-10DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2157

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD216

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746410 Lab File ID: 464-10DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2157

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD216

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746410 Lab File ID: 464-10DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2157

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD215

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746411 Lab File ID: 464-11DT.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2227

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	381000	U
62-53-3	Aniline	381000	U
111-44-4	Bis(2-Chloroethyl)ether	381000	U
108-95-2	Phenol	60100	J
95-57-8	2-Chlorophenol	381000	U
541-73-1	1,3-Dichlorobenzene	381000	U
106-46-7	1,4-Dichlorobenzene	381000	U
95-50-1	1,2-Dichlorobenzene	381000	U
100-51-6	Benzyl alcohol	953000	U
108-60-1	2,2-Oxybis(1-chloropropane)	386000	U
95-48-7	2-Methylphenol (o-Cresol)	381000	U
67-72-1	Hexachloroethane	386000	U
621-64-7	N-Nitroso-di-n-propylamine	381000	U
106-44-5	4-Methylphenol	381000	U
98-95-3	Nitrobenzene	381000	U
78-59-1	Isophorone	381000	U
88-75-5	2-Nitrophenol	381000	U
105-67-9	2,4-Dimethylphenol	381000	U
65-85-0	Benzoic acid	1900000	U
111-91-1	Bis(2-Chloroethoxy)methane	381000	U
120-83-2	2,4-Dichlorophenol	381000	U
120-82-1	1,2,4-Trichlorobenzene	381000	U
91-20-3	Naphthalene	381000	U
106-47-8	4-Chloroaniline	381000	U
91-57-6	2-Methylnaphthalene	381000	U
87-68-3	Hexachlorobutadiene	381000	U
59-50-7	4-Chloro-3-methylphenol	381000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD215

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746411 Lab File ID: 464-11DT.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2227

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	381000	U
77-47-4	Hexachlorocyclopentadiene	953000	U
88-06-2	2,4,6-Trichlorophenol	381000	U
95-95-4	2,4,5-Trichlorophenol	381000	U
91-58-7	2-Chloronaphthalene	386000	U
88-74-4	2-Nitroaniline	381000	U
208-96-8	Acenaphthylene	381000	U
131-11-3	Dimethyl-phthalate	381000	U
606-20-2	2,6-Dinitrotoluene	381000	U
83-32-9	Acenaphthene	381000	U
99-09-2	3-Nitroaniline	381000	U
51-28-5	2,4-Dinitrophenol	1910000	U
132-64-9	Dibenzofuran	381000	U
121-14-2	2,4-Dinitrotoluene	381000	U
100-02-7	4-Nitrophenol	953000	U
86-73-7	Fluorene	381000	U
7005-72-3	4-Chlorophenyl-phenylether	381000	U
84-66-2	Diethylphthalate	381000	U
100-01-6	4-Nitroaniline	381000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1900000	U
86-30-6	N-Nitrosodiphenylamine	381000	U
101-55-3	4-Bromophenyl-phenylether	381000	U
118-74-1	Hexachlorobenzene	381000	U
87-86-5	Pentachlorophenol	1900000	U
85-01-8	Phenanthrene	381000	U
120-12-7	Anthracene	381000	U
84-74-2	Di-n-butylphthalate	381000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD215

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746411 Lab File ID: 464-11DT.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2227

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	381000	U
129-00-0	Pyrene	381000	U
92-87-5	Benzidine	957000	U
85-68-7	Butylbenzylphthalate	381000	U
91-94-1	3,3'-Dichlorobenzidine	381000	U
56-55-3	Benzo(a)anthracene	381000	U
218-01-9	Chrysene	381000	U
117-81-7	bis(2-ethylhexyl)phthalate	381000	U
117-84-0	Di-n-octylphthalate	381000	U
205-99-2	Benzo(b)fluoranthene	381000	U
207-08-9	Benzo(k)fluoranthene	381000	U
50-32-8	Benzo(a)pyrene	381000	U
193-39-5	Indeno(1,2,3-cd)pyrene	381000	U
53-70-3	Dibenz(a,h)anthracene	381000	U
191-24-2	Benzo(g,h,i)perylene	381000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD197

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746412 Lab File ID: 464-12DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2256

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	393000	U
62-53-3	Aniline	393000	U
111-44-4	Bis(2-Chloroethyl)ether	393000	U
108-95-2	Phenol	1960000	U
95-57-8	2-Chlorophenol	393000	U
541-73-1	1,3-Dichlorobenzene	393000	U
106-46-7	1,4-Dichlorobenzene	393000	U
95-50-1	1,2-Dichlorobenzene	393000	U
100-51-6	Benzyl alcohol	981000	U
108-60-1	2,2-Oxybis(1-chloropropane)	397000	U
95-48-7	2-Methylphenol (o-Cresol)	393000	U
67-72-1	Hexachloroethane	397000	U
621-64-7	N-Nitroso-di-n-propylamine	393000	U
106-44-5	4-Methylphenol	393000	U
98-95-3	Nitrobenzene	393000	U
78-59-1	Isophorone	393000	U
88-75-5	2-Nitrophenol	393000	U
105-67-9	2,4-Dimethylphenol	393000	U
65-85-0	Benzoic acid	1960000	U
111-91-1	Bis(2-Chloroethoxy)methane	393000	U
120-83-2	2,4-Dichlorophenol	393000	U
120-82-1	1,2,4-Trichlorobenzene	393000	U
91-20-3	Naphthalene	393000	U
106-47-8	4-Chloroaniline	393000	U
91-57-6	2-Methylnaphthalene	393000	U
87-68-3	Hexachlorobutadiene	393000	U
59-50-7	4-Chloro-3-methylphenol	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD197

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746412 Lab File ID: 464-12DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2256

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	393000	U
77-47-4	Hexachlorocyclopentadiene	981000	U
88-06-2	2,4,6-Trichlorophenol	393000	U
95-95-4	2,4,5-Trichlorophenol	393000	U
91-58-7	2-Chloronaphthalene	397000	U
88-74-4	2-Nitroaniline	393000	U
208-96-8	Acenaphthylene	393000	U
131-11-3	Dimethyl-phthalate	393000	U
606-20-2	2,6-Dinitrotoluene	393000	U
83-32-9	Acenaphthene	393000	U
99-09-2	3-Nitroaniline	393000	U
51-28-5	2,4-Dinitrophenol	1970000	U
132-64-9	Dibenzofuran	393000	U
121-14-2	2,4-Dinitrotoluene	393000	U
100-02-7	4-Nitrophenol	981000	U
86-73-7	Fluorene	393000	U
7005-72-3	4-Chlorophenyl-phenylether	393000	U
84-66-2	Diethylphthalate	393000	U
100-01-6	4-Nitroaniline	393000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1960000	U
86-30-6	N-Nitrosodiphenylamine	393000	U
101-55-3	4-Bromophenyl-phenylether	393000	U
118-74-1	Hexachlorobenzene	393000	U
87-86-5	Pentachlorophenol	1960000	U
85-01-8	Phenanthrene	393000	U
120-12-7	Anthracene	393000	U
84-74-2	Di-n-butylphthalate	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD197

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746412 Lab File ID: 464-12DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 2256

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	393000	U
129-00-0	Pyrene	393000	U
92-87-5	Benzidine	985000	U
85-68-7	Butylbenzylphthalate	393000	U
91-94-1	3,3'-Dichlorobenzidine	393000	U
56-55-3	Benzo(a)anthracene	393000	U
218-01-9	Chrysene	393000	U
117-81-7	bis(2-ethylhexyl)phthalate	393000	U
117-84-0	Di-n-octylphthalate	393000	U
205-99-2	Benzo(b)fluoranthene	393000	U
207-08-9	Benzo(k)fluoranthene	393000	U
50-32-8	Benzo(a)pyrene	393000	U
193-39-5	Indeno(1,2,3-cd)pyrene	393000	U
53-70-3	Dibenz(a,h)anthracene	393000	U
191-24-2	Benzo(g,h,i)perylene	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD199

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746413 Lab File ID: 464-13DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1723

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	393000	U
62-53-3	Aniline	393000	U
111-44-4	Bis(2-Chloroethyl)ether	393000	U
108-95-2	Phenol	1960000	U
95-57-8	2-Chlorophenol	393000	U
541-73-1	1,3-Dichlorobenzene	393000	U
106-46-7	1,4-Dichlorobenzene	393000	U
95-50-1	1,2-Dichlorobenzene	393000	U
100-51-6	Benzyl alcohol	981000	U
108-60-1	2,2-Oxybis(1-chloropropane)	397000	U
95-48-7	2-Methylphenol (o-Cresol)	393000	U
67-72-1	Hexachloroethane	397000	U
621-64-7	N-Nitroso-di-n-propylamine	393000	U
106-44-5	4-Methylphenol	393000	U
98-95-3	Nitrobenzene	393000	U
78-59-1	Isophorone	393000	U
88-75-5	2-Nitrophenol	393000	U
105-67-9	2,4-Dimethylphenol	393000	U
65-85-0	Benzoic acid	1960000	U
111-91-1	Bis(2-Chloroethoxy)methane	393000	U
120-83-2	2,4-Dichlorophenol	393000	U
120-82-1	1,2,4-Trichlorobenzene	393000	U
91-20-3	Naphthalene	393000	U
106-47-8	4-Chloroaniline	393000	U
91-57-6	2-Methylnaphthalene	393000	U
87-68-3	Hexachlorobutadiene	393000	U
59-50-7	4-Chloro-3-methylphenol	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD199

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746413 Lab File ID: 464-13DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1723

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	393000	U
77-47-4	Hexachlorocyclopentadiene	981000	U
88-06-2	2,4,6-Trichlorophenol	393000	U
95-95-4	2,4,5-Trichlorophenol	393000	U
91-58-7	2-Chloronaphthalene	397000	U
88-74-4	2-Nitroaniline	393000	U
208-96-8	Acenaphthylene	393000	U
131-11-3	Dimethyl-phthalate	393000	U
606-20-2	2,6-Dinitrotoluene	393000	U
83-32-9	Acenaphthene	393000	U
99-09-2	3-Nitroaniline	393000	U
51-28-5	2,4-Dinitrophenol	1970000	U
132-64-9	Dibenzofuran	393000	U
121-14-2	2,4-Dinitrotoluene	393000	U
100-02-7	4-Nitrophenol	981000	U
86-73-7	Fluorene	393000	U
7005-72-3	4-Chlorophenyl-phenylether	393000	U
84-66-2	Diethylphthalate	393000	U
100-01-6	4-Nitroaniline	393000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1960000	U
86-30-6	N-Nitrosodiphenylamine	393000	U
101-55-3	4-Bromophenyl-phenylether	393000	U
118-74-1	Hexachlorobenzene	393000	U
87-86-5	Pentachlorophenol	1960000	U
85-01-8	Phenanthrene	393000	U
120-12-7	Anthracene	393000	U
84-74-2	Di-n-butylphthalate	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD199

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746413 Lab File ID: 464-13DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1723

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	393000	U
129-00-0	Pyrene	393000	U
92-87-5	Benzidine	985000	U
85-68-7	Butylbenzylphthalate	393000	U
91-94-1	3,3'-Dichlorobenzidine	393000	U
56-55-3	Benzo(a)anthracene	393000	U
218-01-9	Chrysene	393000	U
117-81-7	bis(2-ethylhexyl)phthalate	393000	U
117-84-0	Di-n-octylphthalate	393000	U
205-99-2	Benzo(b)fluoranthene	393000	U
207-08-9	Benzo(k)fluoranthene	393000	U
50-32-8	Benzo(a)pyrene	393000	U
193-39-5	Indeno(1,2,3-cd)pyrene	393000	U
53-70-3	Dibenz(a,h)anthracene	393000	U
191-24-2	Benzo(g,h,i)perylene	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD208

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414 Lab File ID: 464-14DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1753

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	374000	U
62-53-3	Aniline	374000	U
111-44-4	Bis(2-Chloroethyl)ether	374000	U
108-95-2	Phenol	1870000	U
95-57-8	2-Chlorophenol	374000	U
541-73-1	1,3-Dichlorobenzene	374000	U
106-46-7	1,4-Dichlorobenzene	374000	U
95-50-1	1,2-Dichlorobenzene	374000	U
100-51-6	Benzyl alcohol	935000	U
108-60-1	2,2-Oxybis(1-chloropropane)	378000	U
95-48-7	2-Methylphenol (o-Cresol)	374000	U
67-72-1	Hexachloroethane	378000	U
621-64-7	N-Nitroso-di-n-propylamine	374000	U
106-44-5	4-Methylphenol	374000	U
98-95-3	Nitrobenzene	374000	U
78-59-1	Isophorone	374000	U
88-75-5	2-Nitrophenol	374000	U
105-67-9	2,4-Dimethylphenol	374000	U
65-85-0	Benzoic acid	1870000	U
111-91-1	Bis(2-Chloroethoxy)methane	374000	U
120-83-2	2,4-Dichlorophenol	374000	U
120-82-1	1,2,4-Trichlorobenzene	374000	U
91-20-3	Naphthalene	12400000	E
106-47-8	4-Chloroaniline	374000	U
91-57-6	2-Methylnaphthalene	33200000	E
87-68-3	Hexachlorobutadiene	374000	U
59-50-7	4-Chloro-3-methylphenol	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD208

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414 Lab File ID: 464-14DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1753

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	25000000	E
77-47-4	Hexachlorocyclopentadiene	935000	U
88-06-2	2,4,6-Trichlorophenol	374000	U
95-95-4	2,4,5-Trichlorophenol	374000	U
91-58-7	2-Chloronaphthalene	378000	U
88-74-4	2-Nitroaniline	374000	U
208-96-8	Acenaphthylene	374000	U
131-11-3	Dimethyl-phthalate	374000	U
606-20-2	2,6-Dinitrotoluene	374000	U
83-32-9	Acenaphthene	370000	J
99-09-2	3-Nitroaniline	374000	U
51-28-5	2,4-Dinitrophenol	1880000	U
132-64-9	Dibenzofuran	374000	U
121-14-2	2,4-Dinitrotoluene	374000	U
100-02-7	4-Nitrophenol	935000	U
86-73-7	Fluorene	471000	
7005-72-3	4-Chlorophenyl-phenylether	374000	U
84-66-2	Diethylphthalate	374000	U
100-01-6	4-Nitroaniline	374000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1870000	U
86-30-6	N-Nitrosodiphenylamine	374000	U
101-55-3	4-Bromophenyl-phenylether	374000	U
118-74-1	Hexachlorobenzene	374000	U
87-86-5	Pentachlorophenol	1870000	U
85-01-8	Phenanthrene	353000	J
120-12-7	Anthracene	374000	U
84-74-2	Di-n-butylphthalate	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD208

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414 Lab File ID: 464-14DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1753

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	374000	U
129-00-0	Pyrene	374000	U
92-87-5	Benzidine	939000	U
85-68-7	Butylbenzylphthalate	374000	U
91-94-1	3,3'-Dichlorobenzidine	374000	U
56-55-3	Benzo(a)anthracene	374000	U
218-01-9	Chrysene	374000	U
117-81-7	bis(2-ethylhexyl)phthalate	374000	U
117-84-0	Di-n-octylphthalate	374000	U
205-99-2	Benzo(b)fluoranthene	374000	U
207-08-9	Benzo(k)fluoranthene	374000	U
50-32-8	Benzo(a)pyrene	374000	U
193-39-5	Indeno(1,2,3-cd)pyrene	374000	U
53-70-3	Dibenz(a,h)anthracene	374000	U
191-24-2	Benzo(g,h,i)perylene	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD208DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414DL1 Lab File ID: 464-14.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1456

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	3740000	U
62-53-3	Aniline	3740000	U
111-44-4	Bis(2-Chloroethyl)ether	3740000	U
108-95-2	Phenol	18700000	U
95-57-8	2-Chlorophenol	3740000	U
541-73-1	1,3-Dichlorobenzene	3740000	U
106-46-7	1,4-Dichlorobenzene	3740000	U
95-50-1	1,2-Dichlorobenzene	3740000	U
100-51-6	Benzyl alcohol	9350000	U
108-60-1	2,2-Oxybis(1-chloropropane)	3780000	U
95-48-7	2-Methylphenol (o-Cresol)	3740000	U
67-72-1	Hexachloroethane	3780000	U
621-64-7	N-Nitroso-di-n-propylamine	3740000	U
106-44-5	4-Methylphenol	3740000	U
98-95-3	Nitrobenzene	3740000	U
78-59-1	Isophorone	3740000	U
88-75-5	2-Nitrophenol	3740000	U
105-67-9	2,4-Dimethylphenol	3740000	U
65-85-0	Benzoic acid	18700000	U
111-91-1	Bis(2-Chloroethoxy)methane	3740000	U
120-83-2	2,4-Dichlorophenol	3740000	U
120-82-1	1,2,4-Trichlorobenzene	3740000	U
91-20-3	Naphthalene	19500000	
106-47-8	4-Chloroaniline	3740000	U
91-57-6	2-Methylnaphthalene	64200000	
87-68-3	Hexachlorobutadiene	3740000	U
59-50-7	4-Chloro-3-methylphenol	3740000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD208DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414DL1 Lab File ID: 464-14.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1456

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40400000	
77-47-4	Hexachlorocyclopentadiene	9350000	U
88-06-2	2,4,6-Trichlorophenol	3740000	U
95-95-4	2,4,5-Trichlorophenol	3740000	U
91-58-7	2-Chloronaphthalene	3780000	U
88-74-4	2-Nitroaniline	3740000	U
208-96-8	Acenaphthylene	3740000	U
131-11-3	Dimethyl-phthalate	3740000	U
606-20-2	2,6-Dinitrotoluene	3740000	U
83-32-9	Acenaphthene	3740000	U
99-09-2	3-Nitroaniline	3740000	U
51-28-5	2,4-Dinitrophenol	18800000	U
132-64-9	Dibenzofuran	3740000	U
121-14-2	2,4-Dinitrotoluene	3740000	U
100-02-7	4-Nitrophenol	9350000	U
86-73-7	Fluorene	607000	J
7005-72-3	4-Chlorophenyl-phenylether	3740000	U
84-66-2	Diethylphthalate	3740000	U
100-01-6	4-Nitroaniline	3740000	U
534-52-1	2-Methyl-4,6-dinitrophenol	18700000	U
86-30-6	N-Nitrosodiphenylamine	3740000	U
101-55-3	4-Bromophenyl-phenylether	3740000	U
118-74-1	Hexachlorobenzene	3740000	U
87-86-5	Pentachlorophenol	18700000	U
85-01-8	Phenanthrene	3740000	U
120-12-7	Anthracene	3740000	U
84-74-2	Di-n-butylphthalate	3740000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD208DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414DL1 Lab File ID: 464-14.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1456

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	3740000	U
129-00-0	Pyrene	3740000	U
92-87-5	Benzidine	9390000	U
85-68-7	Butylbenzylphthalate	3740000	U
91-94-1	3,3'-Dichlorobenzidine	3740000	U
56-55-3	Benzo(a)anthracene	3740000	U
218-01-9	Chrysene	3740000	U
117-81-7	bis(2-ethylhexyl)phthalate	3740000	U
117-84-0	Di-n-octylphthalate	3740000	U
205-99-2	Benzo(b)fluoranthene	3740000	U
207-08-9	Benzo(k)fluoranthene	3740000	U
50-32-8	Benzo(a)pyrene	3740000	U
193-39-5	Indeno(1,2,3-cd)pyrene	3740000	U
53-70-3	Dibenz(a,h)anthracene	3740000	U
191-24-2	Benzo(g,h,i)perylene	3740000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD207

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746415 Lab File ID: 464-15DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1823

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	60100	J
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD207

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746415 Lab File ID: 464-15DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1823

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD207

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746415 Lab File ID: 464-15DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1823

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD40

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746416 Lab File ID: 464-16DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1853

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	393000	U
62-53-3	Aniline	393000	U
111-44-4	Bis(2-Chloroethyl)ether	393000	U
108-95-2	Phenol	1960000	U
95-57-8	2-Chlorophenol	393000	U
541-73-1	1,3-Dichlorobenzene	393000	U
106-46-7	1,4-Dichlorobenzene	393000	U
95-50-1	1,2-Dichlorobenzene	393000	U
100-51-6	Benzyl alcohol	981000	U
108-60-1	2,2-Oxybis(1-chloropropane)	397000	U
95-48-7	2-Methylphenol (o-Cresol)	393000	U
67-72-1	Hexachloroethane	397000	U
621-64-7	N-Nitroso-di-n-propylamine	393000	U
106-44-5	4-Methylphenol	393000	U
98-95-3	Nitrobenzene	393000	U
78-59-1	Isophorone	393000	U
88-75-5	2-Nitrophenol	393000	U
105-67-9	2,4-Dimethylphenol	393000	U
65-85-0	Benzoic acid	1960000	U
111-91-1	Bis(2-Chloroethoxy)methane	393000	U
120-83-2	2,4-Dichlorophenol	393000	U
120-82-1	1,2,4-Trichlorobenzene	393000	U
91-20-3	Naphthalene	393000	U
106-47-8	4-Chloroaniline	393000	U
91-57-6	2-Methylnaphthalene	393000	U
87-68-3	Hexachlorobutadiene	393000	U
59-50-7	4-Chloro-3-methylphenol	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD40

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746416 Lab File ID: 464-16DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1853

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	393000	U
77-47-4	Hexachlorocyclopentadiene	981000	U
88-06-2	2,4,6-Trichlorophenol	393000	U
95-95-4	2,4,5-Trichlorophenol	393000	U
91-58-7	2-Chloronaphthalene	397000	U
88-74-4	2-Nitroaniline	393000	U
208-96-8	Acenaphthylene	393000	U
131-11-3	Dimethyl-phthalate	393000	U
606-20-2	2,6-Dinitrotoluene	393000	U
83-32-9	Acenaphthene	393000	U
99-09-2	3-Nitroaniline	393000	U
51-28-5	2,4-Dinitrophenol	1970000	U
132-64-9	Dibenzofuran	393000	U
121-14-2	2,4-Dinitrotoluene	393000	U
100-02-7	4-Nitrophenol	981000	U
86-73-7	Fluorene	393000	U
7005-72-3	4-Chlorophenyl-phenylether	393000	U
84-66-2	Diethylphthalate	393000	U
100-01-6	4-Nitroaniline	393000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1960000	U
86-30-6	N-Nitrosodiphenylamine	393000	U
101-55-3	4-Bromophenyl-phenylether	393000	U
118-74-1	Hexachlorobenzene	393000	U
87-86-5	Pentachlorophenol	1960000	U
85-01-8	Phenanthrene	393000	U
120-12-7	Anthracene	393000	U
84-74-2	Di-n-butylphthalate	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD40

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746416 Lab File ID: 464-16DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1853

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	393000	U
129-00-0	Pyrene	393000	U
92-87-5	Benzidine	985000	U
85-68-7	Butylbenzylphthalate	393000	U
91-94-1	3,3'-Dichlorobenzidine	393000	U
56-55-3	Benzo(a)anthracene	393000	U
218-01-9	Chrysene	393000	U
117-81-7	bis(2-ethylhexyl)phthalate	393000	U
117-84-0	Di-n-octylphthalate	393000	U
205-99-2	Benzo(b)fluoranthene	393000	U
207-08-9	Benzo(k)fluoranthene	393000	U
50-32-8	Benzo(a)pyrene	393000	U
193-39-5	Indeno(1,2,3-cd)pyrene	393000	U
53-70-3	Dibenz(a,h)anthracene	393000	U
191-24-2	Benzo(g,h,i)perylene	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD209

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746417 Lab File ID: 464-17DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1923

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	374000	U
62-53-3	Aniline	374000	U
111-44-4	Bis(2-Chloroethyl)ether	374000	U
108-95-2	Phenol	1870000	U
95-57-8	2-Chlorophenol	374000	U
541-73-1	1,3-Dichlorobenzene	374000	U
106-46-7	1,4-Dichlorobenzene	374000	U
95-50-1	1,2-Dichlorobenzene	374000	U
100-51-6	Benzyl alcohol	935000	U
108-60-1	2,2-Oxybis(1-chloropropane)	378000	U
95-48-7	2-Methylphenol (o-Cresol)	374000	U
67-72-1	Hexachloroethane	378000	U
621-64-7	N-Nitroso-di-n-propylamine	374000	U
106-44-5	4-Methylphenol	374000	U
98-95-3	Nitrobenzene	374000	U
78-59-1	Isophorone	374000	U
88-75-5	2-Nitrophenol	374000	U
105-67-9	2,4-Dimethylphenol	374000	U
65-85-0	Benzoic acid	1870000	U
111-91-1	Bis(2-Chloroethoxy)methane	374000	U
120-83-2	2,4-Dichlorophenol	374000	U
120-82-1	1,2,4-Trichlorobenzene	374000	U
91-20-3	Naphthalene	374000	U
106-47-8	4-Chloroaniline	374000	U
91-57-6	2-Methylnaphthalene	374000	U
87-68-3	Hexachlorobutadiene	374000	U
59-50-7	4-Chloro-3-methylphenol	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD209

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746417 Lab File ID: 464-17DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1923

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	374000	U
77-47-4	Hexachlorocyclopentadiene	935000	U
88-06-2	2,4,6-Trichlorophenol	374000	U
95-95-4	2,4,5-Trichlorophenol	374000	U
91-58-7	2-Chloronaphthalene	378000	U
88-74-4	2-Nitroaniline	374000	U
208-96-8	Acenaphthylene	374000	U
131-11-3	Dimethyl-phthalate	374000	U
606-20-2	2,6-Dinitrotoluene	374000	U
83-32-9	Acenaphthene	374000	U
99-09-2	3-Nitroaniline	374000	U
51-28-5	2,4-Dinitrophenol	1880000	U
132-64-9	Dibenzofuran	374000	U
121-14-2	2,4-Dinitrotoluene	374000	U
100-02-7	4-Nitrophenol	935000	U
86-73-7	Fluorene	374000	U
7005-72-3	4-Chlorophenyl-phenylether	374000	U
84-66-2	Diethylphthalate	374000	U
100-01-6	4-Nitroaniline	374000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1870000	U
86-30-6	N-Nitrosodiphenylamine	374000	U
101-55-3	4-Bromophenyl-phenylether	374000	U
118-74-1	Hexachlorobenzene	374000	U
87-86-5	Pentachlorophenol	1870000	U
85-01-8	Phenanthrene	374000	U
120-12-7	Anthracene	374000	U
84-74-2	Di-n-butylphthalate	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD209

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746417 Lab File ID: 464-17DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1923

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	374000	U
129-00-0	Pyrene	374000	U
92-87-5	Benzidine	939000	U
85-68-7	Butylbenzylphthalate	374000	U
91-94-1	3,3'-Dichlorobenzidine	374000	U
56-55-3	Benzo(a)anthracene	374000	U
218-01-9	Chrysene	374000	U
117-81-7	bis(2-ethylhexyl)phthalate	374000	U
117-84-0	Di-n-octylphthalate	374000	U
205-99-2	Benzo(b)fluoranthene	374000	U
207-08-9	Benzo(k)fluoranthene	374000	U
50-32-8	Benzo(a)pyrene	374000	U
193-39-5	Indeno(1,2,3-cd)pyrene	374000	U
53-70-3	Dibenz(a,h)anthracene	374000	U
191-24-2	Benzo(g,h,i)perylene	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD198

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746418 Lab File ID: 464-18DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1952

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD198

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746418 Lab File ID: 464-18DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1952

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD198

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746418 Lab File ID: 464-18DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1952

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

QC Summary

140907 1446

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3417BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 248401 Lab File ID: 3417BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1449

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3417BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 248401 Lab File ID: 3417BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1449

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3417BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 248401 Lab File ID: 3417BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1449

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3417LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	40000	53100	133.0 *		30.0	48 - 115
Aniline	40000	37400	93.5		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	46100	115.0 *		30.0	61 - 105
Phenol	40000	45600	114.0 *		23.0	46 - 100
2-Chlorophenol	40000	42100	105.0		24.0	54 - 105
1,3-Dichlorobenzene	40000	44500	111.0 *		26.0	67 - 100
1,4-Dichlorobenzene	40000	42700	107.0 *		27.0	62 - 105
1,2-Dichlorobenzene	40000	41900	105.0 *		30.0	65 - 95
Benzyl alcohol	40000	48800	122.0		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	44800	112.0		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	35800	89.5		30.0	58 - 105
Hexachloroethane	40000	45700	114.0 *		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	45700	114.0		28.0	59 - 115
4-Methylphenol	40000	42500	106.0 *		26.0	57 - 105
Nitrobenzene	40000	43200	108.0		27.0	71 - 115
Isophorone	40000	43400	108.0		30.0	69 - 110
2-Nitrophenol	40000	38900	97.2		20.0	61 - 110
2,4-Dimethylphenol	40000	20100	50.2 *		30.0	65 - 105
Benzoic acid	80000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	32700	81.8		30.0	70 - 110
2,4-Dichlorophenol	40000	41700	104.0		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	43000	108.0		29.0	71 - 110
Naphthalene	40000	44400	111.0 *		23.0	67 - 105
4-Chloroaniline	40000	30300	75.8		30.0	57 - 95
2-Methylnaphthalene	40000	46400	116.0 *		22.0	72 - 105
Hexachlorobutadiene	40000	42700	107.0		27.0	79 - 115
4-Chloro-3-methylphenol	40000	46300	116.0 *		30.0	62 - 115
1-Methylnaphthalene	40000	47500	119.0		25.0	67 - 145
Hexachlorocyclopentadiene	40000	24900	62.2		44.0	34 - 139
2,4,6-Trichlorophenol	40000	33300	83.2		30.0	62 - 110
2,4,5-Trichlorophenol	40000	43700	109.0		29.0	61 - 110
2-Chloronaphthalene	40000	42400	106.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

140907 1446

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3417LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	43000	108.0		23.0	71 - 120
Acenaphthylene	40000	42900	107.0 *		21.0	66 - 105
Dimethyl-phthalate	40000	44700	112.0 *		30.0	69 - 110
2,6-Dinitrotoluene	40000	40800	102.0		30.0	73 - 110
Acenaphthene	40000	41400	104.0		28.0	65 - 110
3-Nitroaniline	40000	38900	97.2		30.0	76 - 110
2,4-Dinitrophenol	80000	0	0.0 *		30.0	29 - 130
Dibenzofuran	40000	45200	113.0 *		28.0	75 - 105
2,4-Dinitrotoluene	40000	44000	110.0		29.0	77 - 115
4-Nitrophenol	40000	23400	58.5		30.0	52 - 140
Fluorene	40000	45300	113.0 *		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	45400	114.0 *		30.0	65 - 110
Diethylphthalate	40000	49100	123.0 *		28.0	68 - 115
4-Nitroaniline	40000	41800	104.0		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	18200	45.5		28.0	34 - 135
N-Nitrosodiphenylamine	40000	46700	117.0 *		23.0	77 - 115
4-Bromophenyl-phenylether	40000	42400	106.0		30.0	59 - 115
Hexachlorobenzene	40000	41100	103.0		28.0	77 - 120
Pentachlorophenol	40000	0	0.0 *		30.0	36 - 120
Phenanthrene	40000	43500	109.0		25.0	67 - 110
Anthracene	40000	43100	108.0 *		19.0	67 - 105
Di-n-butylphthalate	40000	42600	106.0		29.0	67 - 110
Fluoranthene	40000	43000	108.0		21.0	74 - 115
Pyrene	40000	41100	103.0		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	47900	120.0		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	42800	107.0		30.0	41 - 130
Benzo(a)anthracene	40000	42200	106.0		29.0	67 - 110
Chrysene	40000	42000	105.0		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	45700	114.0		30.0	65 - 125
Di-n-octylphthalate	40000	45000	112.0		30.0	64 - 130
Benzo(b)fluoranthene	40000	42900	107.0		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

140907 1446

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3417LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	40400	101.0		28.0	53 - 125
Benzo(a)pyrene	40000	42100	105.0		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	47400	118.0		30.0	40 - 120
Dibenz(a,h)anthracene	40000	36300	90.8		30.0	40 - 125
Benzo(g,h,i)perylene	40000	43800	110.0		23.0	41 - 125

Spike Recovery: 25 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

140907 1446

Form III

GC/ECD PCB ORGANICS

METHOD 8082

140907 1446

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

The following samples had surrogates that were diluted out: NPPD208 NPPD214

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.
Samples NPPD197, NPPD206, NPPD207, NPPD213, NPPD217, NPPD40, and NPPD41 required a 1:10 dilution due to sample matrix interference.

Samples NPPD208 and NPPD214 required a 1:50 dilution due sample matrix interference.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/10/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Method: 8082

EPA Sample No	Lab Sample ID
NPPD194	250746401
NPPD212	250746402
NPPD213	250746403
NPPD217	250746404
NPPD203	250746405
NPPD218	250746406
NPPD214	250746407
NPPD206	250746408
NPPD41	250746409
NPPD216	250746410
NPPD215	250746411
NPPD197	250746412
NPPD199	250746413
NPPD208	250746414
NPPD207	250746415
NPPD40	250746416
NPPD209	250746417
NPPD198	250746418

140907 1446

Sample Data

140907 1446

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD194

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746401 Lab File ID: 464-01.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2332

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD212

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746402 Lab File ID: 464-02.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0003

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD213

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746403 Lab File ID: 464-3D10.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0519

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4500	U
11096-82-5	Aroclor-1260	4500	U
11104-28-2	Aroclor-1221	4500	U
11141-16-5	Aroclor-1232	4500	U
53469-21-9	Aroclor-1242	4500	U
12672-29-6	Aroclor-1248	4500	U
11097-69-1	Aroclor-1254	4500	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD217

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746404 Lab File ID: 46404D10.D

Sample wt/vol: 1.04 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1051

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4300	U
11096-82-5	Aroclor-1260	4300	U
11104-28-2	Aroclor-1221	4300	U
11141-16-5	Aroclor-1232	4300	U
53469-21-9	Aroclor-1242	4300	U
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	4300	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD203

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405 Lab File ID: 464-05.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0106

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD218

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746406 Lab File ID: 464-06.D

Sample wt/vol: 1.04 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0138

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD214

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746407 Lab File ID: 464-7D50.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0550

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	22000	U
11096-82-5	Aroclor-1260	22000	U
11104-28-2	Aroclor-1221	22000	U
11141-16-5	Aroclor-1232	22000	U
53469-21-9	Aroclor-1242	22000	U
12672-29-6	Aroclor-1248	22000	U
11097-69-1	Aroclor-1254	22000	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD206

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746408 Lab File ID: 464-8D10.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0709

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4500	U
11096-82-5	Aroclor-1260	4500	U
11104-28-2	Aroclor-1221	4500	U
11141-16-5	Aroclor-1232	4500	U
53469-21-9	Aroclor-1242	4500	U
12672-29-6	Aroclor-1248	4500	U
11097-69-1	Aroclor-1254	4500	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD41

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746409 Lab File ID: 464-9D10.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0741

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4400	U
11096-82-5	Aroclor-1260	4400	U
11104-28-2	Aroclor-1221	4400	U
11141-16-5	Aroclor-1232	4400	U
53469-21-9	Aroclor-1242	4400	U
12672-29-6	Aroclor-1248	4400	U
11097-69-1	Aroclor-1254	4400	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD216

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746410 Lab File ID: 464-10.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0209

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	380	U
11096-82-5	Aroclor-1260	380	U
11104-28-2	Aroclor-1221	380	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD215

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746411 Lab File ID: 464-11.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0241

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD197

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746412 Lab File ID: 46412D10.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1123

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4400	U
11096-82-5	Aroclor-1260	4400	U
11104-28-2	Aroclor-1221	4400	U
11141-16-5	Aroclor-1232	4400	U
53469-21-9	Aroclor-1242	4400	U
12672-29-6	Aroclor-1248	4400	U
11097-69-1	Aroclor-1254	4400	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD199

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746413 Lab File ID: 464-13.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0344

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD208

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414 Lab File ID: 46414D50.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0812

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	22000	U
11096-82-5	Aroclor-1260	22000	U
11104-28-2	Aroclor-1221	22000	U
11141-16-5	Aroclor-1232	22000	U
53469-21-9	Aroclor-1242	22000	U
12672-29-6	Aroclor-1248	22000	U
11097-69-1	Aroclor-1254	22000	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD207

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746415 Lab File ID: 46415D10.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0844

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4000	U
11096-82-5	Aroclor-1260	4000	U
11104-28-2	Aroclor-1221	4000	U
11141-16-5	Aroclor-1232	4000	U
53469-21-9	Aroclor-1242	4000	U
12672-29-6	Aroclor-1248	4000	U
11097-69-1	Aroclor-1254	4000	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD40

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746416 Lab File ID: 46416D10.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0916

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4400	U
11096-82-5	Aroclor-1260	4400	U
11104-28-2	Aroclor-1221	4400	U
11141-16-5	Aroclor-1232	4400	U
53469-21-9	Aroclor-1242	4400	U
12672-29-6	Aroclor-1248	4400	U
11097-69-1	Aroclor-1254	4400	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD209

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746417 Lab File ID: 464-17.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0416

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	390	U
11096-82-5	Aroclor-1260	390	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD198

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746418 Lab File ID: 464-18.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0447

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 408BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 248294 Lab File ID: 408BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2229

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

408LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	8970	89.7		21.0	40 - 140
Aroclor-1260	10000	9520	95.2		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 248034BLK was analyzed with the soil samples on 09/04/07. The following analyte(s) were detected below RL: Sodium at 18.6 MG/KG. Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

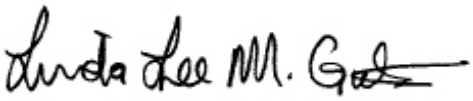
F. Samples:

Sample analysis proceeded normally.

Sample NPPD198 required a 1:5 dilution due to matrix interference with the following analyte(s): Thallium.

Sample NPPD203 required a 1:5 dilution due to matrix interference with the following analyte(s): Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **09/06/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

3. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507464

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

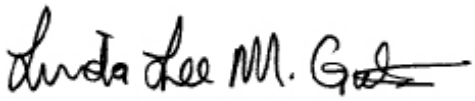
E. Serial Dilution:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **09/01/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507464

SOW No.:

EPA Sample No	Lab Sample ID
NPPD194	250746401
NPPD212	250746402
NPPD213	250746403
NPPD217	250746404
NPPD203	250746405
NPPD218	250746406
NPPD214	250746407
NPPD206	250746408
NPPD41	250746409
NPPD216	250746410
NPPD215	250746411
NPPD197	250746412
NPPD199	250746413
NPPD208	250746414
NPPD207	250746415
NPPD40	250746416
NPPD209	250746417
NPPD198	250746418
NPPD198DL1	250746418DL1

Were ICP interelement corrections applied?	Yes/No	Yes
Were ICP background corrections applied?	Yes/No	Yes
If yes - were raw data generated before application of background corrections?	Yes/No	No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD194

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746401

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.97	U		P
7440-36-0	Antimony	0.215	U		P
7440-38-2	Arsenic	0.468	U		P
7440-39-3	Barium	0.15	U		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.0468	U		P
7440-70-2	Calcium	4.04	B		P
7440-47-3	Chromium	0.15	U		P
7440-48-4	Cobalt	0.0468	U		P
7440-50-8	Copper	0.15	U		P
7439-89-6	Iron	61.7			P
7439-92-1	Lead	0.318	U		P
7439-95-4	Magnesium	2.81	U		P
7439-96-5	Manganese	0.613			P
7439-97-6	Mercury	0.002	U		CV
7440-02-0	Nickel	0.15	U		P
7440-09-7	Potassium	4.68	U		P
7782-49-2	Selenium	0.468	U		P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	9.36	U		P
7440-28-0	Thallium	0.309	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD194

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746401

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.15	U		P
7440-66-6	Zinc	0.309	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD212

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746402

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	22.6			P
7440-36-0	Antimony	0.859	B		P
7440-38-2	Arsenic	0.459	U		P
7440-39-3	Barium	0.194	B		P
7440-41-7	Beryllium	0.147	U		P
7440-43-9	Cadmium	0.0459	U		P
7440-70-2	Calcium	28.7			P
7440-47-3	Chromium	0.251	B		P
7440-48-4	Cobalt	0.0459	U		P
7440-50-8	Copper	63.8			P
7439-89-6	Iron	206			P
7439-92-1	Lead	0.388	B		P
7439-95-4	Magnesium	15			P
7439-96-5	Manganese	7.33			P
7439-97-6	Mercury	0.0304			CV
7440-02-0	Nickel	0.147	U		P
7440-09-7	Potassium	2040			P
7782-49-2	Selenium	0.459	U		P
7440-22-4	Silver	0.147	U		P
7440-23-5	Sodium	932			P
7440-28-0	Thallium	0.303	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD212

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746402

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.147	U		P
7440-66-6	Zinc	2			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD213

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746403

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3.08	B		P
7440-36-0	Antimony	0.228	U		P
7440-38-2	Arsenic	0.495	U		P
7440-39-3	Barium	1.08			P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.143	B		P
7440-70-2	Calcium	471			P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0495	U		P
7440-50-8	Copper	6.85			P
7439-89-6	Iron	194			P
7439-92-1	Lead	5.11			P
7439-95-4	Magnesium	25			P
7439-96-5	Manganese	1.28			P
7439-97-6	Mercury	0.002	U		CV
7440-02-0	Nickel	0.186	B		P
7440-09-7	Potassium	12.1	B		P
7782-49-2	Selenium	0.495	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	37.7			P
7440-28-0	Thallium	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD213

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746403

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	112			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD217

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746404

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	0.506	B		P
7440-38-2	Arsenic	0.483	U		P
7440-39-3	Barium	0.383	B		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0483	U		P
7440-70-2	Calcium	119			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0483	U		P
7440-50-8	Copper	0.604			P
7439-89-6	Iron	23.3			P
7439-92-1	Lead	0.328	U		P
7439-95-4	Magnesium	3.61	B		P
7439-96-5	Manganese	0.154	U		P
7439-97-6	Mercury	0.00199	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	4.83	U		P
7782-49-2	Selenium	0.483	U		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	9.65	U		P
7440-28-0	Thallium	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD217

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746404

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	68.8			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD203

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	10.2	U		P
7440-36-0	Antimony	1.19	B		P
7440-38-2	Arsenic	2.42	U		P
7440-39-3	Barium	0.774	U		P
7440-41-7	Beryllium	0.774	U		P
7440-43-9	Cadmium	0.242	U		P
7440-70-2	Calcium	16	U		P
7440-47-3	Chromium	0.774	U		P
7440-48-4	Cobalt	0.242	U		P
7440-50-8	Copper	0.774	U		P
7439-89-6	Iron	43			P
7439-92-1	Lead	1.64	U		P
7439-95-4	Magnesium	14.5	U		P
7439-96-5	Manganese	0.774	U		P
7439-97-6	Mercury	0.00597	B		CV
7440-02-0	Nickel	0.774	U		P
7440-09-7	Potassium	24.2	U		P
7782-49-2	Selenium	4.19	B		P
7440-22-4	Silver	0.774	U		P
7440-23-5	Sodium	208			P
7440-28-0	Thallium	1.6	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD203

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746405

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.774	U		P
7440-66-6	Zinc	3.34	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD218

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746406

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.09	U		P
7440-36-0	Antimony	0.229	U		P
7440-38-2	Arsenic	0.497	U		P
7440-39-3	Barium	0.159	U		P
7440-41-7	Beryllium	0.159	U		P
7440-43-9	Cadmium	0.0504	B		P
7440-70-2	Calcium	17			P
7440-47-3	Chromium	0.159	U		P
7440-48-4	Cobalt	0.0497	U		P
7440-50-8	Copper	1.54			P
7439-89-6	Iron	109			P
7439-92-1	Lead	0.338	U		P
7439-95-4	Magnesium	2.98	U		P
7439-96-5	Manganese	1.3			P
7439-97-6	Mercury	0.002	U		CV
7440-02-0	Nickel	0.159	U		P
7440-09-7	Potassium	8.32	B		P
7782-49-2	Selenium	0.497	U		P
7440-22-4	Silver	0.159	U		P
7440-23-5	Sodium	9.94	U		P
7440-28-0	Thallium	0.328	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD218

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746406

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.159	U		P
7440-66-6	Zinc	25.9			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD214

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746407

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	0.225	U		P
7440-38-2	Arsenic	0.49	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0515	B		P
7440-70-2	Calcium	28.3			P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.049	U		P
7440-50-8	Copper	0.363	B		P
7439-89-6	Iron	7.53			P
7439-92-1	Lead	0.333	U		P
7439-95-4	Magnesium	2.94	U		P
7439-96-5	Manganese	0.602			P
7439-97-6	Mercury	0.00201	U		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	6.26	B		P
7782-49-2	Selenium	0.49	U		P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	9.8	U		P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD214

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746407

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	48.6			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD206

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746408

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	8.22	B		P
7440-36-0	Antimony	6.62			P
7440-38-2	Arsenic	0.498	U		P
7440-39-3	Barium	12.3			P
7440-41-7	Beryllium	0.159	U		P
7440-43-9	Cadmium	0.655			P
7440-70-2	Calcium	4650			P
7440-47-3	Chromium	0.159	U		P
7440-48-4	Cobalt	0.0498	U		P
7440-50-8	Copper	1.94			P
7439-89-6	Iron	229			P
7439-92-1	Lead	0.856			P
7439-95-4	Magnesium	208			P
7439-96-5	Manganese	4.42			P
7439-97-6	Mercury	0.00199	U		CV
7440-02-0	Nickel	0.159	U		P
7440-09-7	Potassium	25.3	B		P
7782-49-2	Selenium	0.498	U		P
7440-22-4	Silver	0.159	U		P
7440-23-5	Sodium	29.4	B		P
7440-28-0	Thallium	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD206

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746408

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.232	B		P
7440-66-6	Zinc	456			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD41

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746409

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	0.678	B		P
7440-38-2	Arsenic	0.486	U		P
7440-39-3	Barium	0.354	B		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0486	U		P
7440-70-2	Calcium	140			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0486	U		P
7440-50-8	Copper	0.848			P
7439-89-6	Iron	52			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	3.79	B		P
7439-96-5	Manganese	0.548			P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	9.33	B		P
7782-49-2	Selenium	0.486	U		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	9.73	U		P
7440-28-0	Thallium	0.321	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD41

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746409

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	88.7			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD216

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746410

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	5.03	B		P
7440-36-0	Antimony	10.5			P
7440-38-2	Arsenic	0.495	U		P
7440-39-3	Barium	18.3			P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.442	B		P
7440-70-2	Calcium	2780			P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0495	U		P
7440-50-8	Copper	1.69			P
7439-89-6	Iron	143			P
7439-92-1	Lead	0.561	B		P
7439-95-4	Magnesium	332			P
7439-96-5	Manganese	2.26			P
7439-97-6	Mercury	0.00204	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	42.8	B		P
7782-49-2	Selenium	0.495	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	63			P
7440-28-0	Thallium	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD216

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746410

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.167	B		P
7440-66-6	Zinc	295			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD215

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746411

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.55	U		P
7440-36-0	Antimony	17			P
7440-38-2	Arsenic	0.369	U		P
7440-39-3	Barium	0.118	U		P
7440-41-7	Beryllium	0.118	U		P
7440-43-9	Cadmium	0.0369	U		P
7440-70-2	Calcium	6.73	B		P
7440-47-3	Chromium	0.118	U		P
7440-48-4	Cobalt	0.0448	B		P
7440-50-8	Copper	0.118	U		P
7439-89-6	Iron	8.73			P
7439-92-1	Lead	0.251	U		P
7439-95-4	Magnesium	4.31	B		P
7439-96-5	Manganese	0.316	B		P
7439-97-6	Mercury	0.00205	U		CV
7440-02-0	Nickel	0.118	U		P
7440-09-7	Potassium	578			P
7782-49-2	Selenium	0.369	U		P
7440-22-4	Silver	0.118	U		P
7440-23-5	Sodium	398			P
7440-28-0	Thallium	0.244	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD215

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746411

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.118	U		P
7440-66-6	Zinc	1.17			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD197

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746412

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	0.223	U		P
7440-38-2	Arsenic	0.484	U		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	3.82	B		P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	16.4			P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	2.91	U		P
7439-96-5	Manganese	0.155	U		P
7439-97-6	Mercury	0.00196	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	4.84	U		P
7782-49-2	Selenium	2.43			P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	94.6			P
7440-28-0	Thallium	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD197

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746412

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	0.544	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD199

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746413

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	0.223	U		P
7440-38-2	Arsenic	0.548	B		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0485	U		P
7440-70-2	Calcium	3.2	U		P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0485	U		P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	0.582	U		P
7439-92-1	Lead	0.33	U		P
7439-95-4	Magnesium	2.91	U		P
7439-96-5	Manganese	0.155	U		P
7439-97-6	Mercury	0.00205	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	4.85	U		P
7782-49-2	Selenium	2.77			P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	204			P
7440-28-0	Thallium	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD199

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746413

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD208

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.14	B		P
7440-36-0	Antimony	0.22	U		P
7440-38-2	Arsenic	0.519	B		P
7440-39-3	Barium	0.153	U		P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.0479	U		P
7440-70-2	Calcium	18.5			P
7440-47-3	Chromium	2.36			P
7440-48-4	Cobalt	0.0479	U		P
7440-50-8	Copper	0.245	B		P
7439-89-6	Iron	54			P
7439-92-1	Lead	0.326	U		P
7439-95-4	Magnesium	2.87	U		P
7439-96-5	Manganese	0.484			P
7439-97-6	Mercury	0.0191	B		CV
7440-02-0	Nickel	1.58			P
7440-09-7	Potassium	135			P
7782-49-2	Selenium	1.38			P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	2690			P
7440-28-0	Thallium	0.316	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD208

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746414

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.153	U		P
7440-66-6	Zinc	0.692	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD207

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746415

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	0.546	B		P
7440-38-2	Arsenic	0.48	U		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.048	U		P
7440-70-2	Calcium	55.6			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.048	U		P
7440-50-8	Copper	0.795			P
7439-89-6	Iron	22.2			P
7439-92-1	Lead	0.326	U		P
7439-95-4	Magnesium	2.88	U		P
7439-96-5	Manganese	0.275	B		P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	4.8	U		P
7782-49-2	Selenium	0.48	U		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	9.6	U		P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD207

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746415

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	65.9			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD40

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746416

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3.02	B		P
7440-36-0	Antimony	2.76			P
7440-38-2	Arsenic	0.478	U		P
7440-39-3	Barium	7.38			P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.256	B		P
7440-70-2	Calcium	1220			P
7440-47-3	Chromium	0.153	U		P
7440-48-4	Cobalt	0.0478	U		P
7440-50-8	Copper	1.02			P
7439-89-6	Iron	125			P
7439-92-1	Lead	0.325	U		P
7439-95-4	Magnesium	31.6			P
7439-96-5	Manganese	1.76			P
7439-97-6	Mercury	0.00198	U		CV
7440-02-0	Nickel	0.153	U		P
7440-09-7	Potassium	7.66	B		P
7782-49-2	Selenium	0.478	U		P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	25	B		P
7440-28-0	Thallium	0.315	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD40

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746416

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.153	U		P
7440-66-6	Zinc	179			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD209

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746417

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	2.33			P
7440-38-2	Arsenic	0.481	U		P
7440-39-3	Barium	0.796			P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0481	U		P
7440-70-2	Calcium	190			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0481	U		P
7440-50-8	Copper	0.708			P
7439-89-6	Iron	37.2			P
7439-92-1	Lead	0.327	U		P
7439-95-4	Magnesium	60.2			P
7439-96-5	Manganese	0.195	B		P
7439-97-6	Mercury	0.00196	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	11.8	B		P
7782-49-2	Selenium	0.481	U		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	15.3	B		P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD209

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746417

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	73.1			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD198

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746418

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2	U		P
7440-36-0	Antimony	0.219	U		P
7440-38-2	Arsenic	0.475	U		P
7440-39-3	Barium	0.152	U		P
7440-41-7	Beryllium	0.152	U		P
7440-43-9	Cadmium	0.0475	U		P
7440-70-2	Calcium	3.14	U		P
7440-47-3	Chromium	0.152	U		P
7440-48-4	Cobalt	0.0475	U		P
7440-50-8	Copper	0.152	U		P
7439-89-6	Iron	15.3			P
7439-92-1	Lead	0.323	U		P
7439-95-4	Magnesium	2.85	U		P
7439-96-5	Manganese	0.152	U		P
7439-97-6	Mercury	0.00204	U		CV
7440-02-0	Nickel	0.152	U		P
7440-09-7	Potassium	4.75	U		P
7782-49-2	Selenium	2.42			P
7440-22-4	Silver	0.152	U		P
7440-23-5	Sodium	199			P
7440-62-2	Vanadium	0.152	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD198

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746418

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.319	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD198DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Lab Sample ID: 250746418DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.57	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

140907 1447

QC Summary

140907 1447

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DUPLICATES

EPA Sample No.

247876LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.308		0.309		0.3		CV

Comments:

140907 1447

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DUPLICATES

EPA Sample No.

248036LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4590		4660		1.5		P
Antimony	20	46.8		47.5		1.5		P
Arsenic	20	44.8		44.7		0.2		P
Barium	20	138		139		0.7		P
Beryllium	20	46.7		47		0.6		P
Cadmium	20	44.8		44.8		0.0		P
Calcium	20	4500		4570		1.5		P
Chromium	20	46.6		46.9		0.6		P
Cobalt	20	45.3		45.6		0.7		P
Copper	20	46		46.4		0.9		P
Iron	20	4670		4730		1.3		P
Lead	20	47.4		47.7		0.6		P
Magnesium	20	4600		4680		1.7		P
Manganese	20	47.1		47.6		1.1		P
Nickel	20	46		46.2		0.4		P
Potassium	20	4370		4450		1.8		P
Selenium	20	45.3		46.2		2.0		P
Silver	20	19		19.1		0.5		P
Sodium	20	4620		4690		1.5		P
Thallium	20	45.5		46.3		1.7		P
Vanadium	20	48.8		49.1		0.6		P
Zinc	20	46.8		46.9		0.2		P

Comments:

140907 1447

U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247876LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.308		80	120	102.7

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U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247876LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.309		80	120	103.0

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U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248035LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4590		80 - 120	91.8
Antimony				50	46.8		80 - 120	93.6
Arsenic				50	44.8		80 - 120	89.6
Barium				150	138		80 - 120	92.0
Beryllium				50	46.7		80 - 120	93.4
Cadmium				50	44.8		80 - 120	89.6
Calcium				5000	4500		80 - 120	90.0
Chromium				50	46.6		80 - 120	93.2
Cobalt				50	45.3		80 - 120	90.6
Copper				50	46		80 - 120	92.0
Iron				5000	4670		80 - 120	93.4
Lead				50	47.4		80 - 120	94.8
Magnesium				5000	4600		80 - 120	92.0
Manganese				50	47.1		80 - 120	94.2
Nickel				50	46		80 - 120	92.0
Potassium				5000	4370		80 - 120	87.4
Selenium				50	45.3		80 - 120	90.6
Silver				20	19		80 - 120	95.0
Sodium				5000	4620		80 - 120	92.4
Thallium				50	45.5		80 - 120	91.0
Vanadium				50	48.8		80 - 120	97.6
Zinc				50	46.8		80 - 120	93.6

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248036LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507464

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4660		80 - 120	93.2
Antimony				50	47.5		80 - 120	95.0
Arsenic				50	44.7		80 - 120	89.4
Barium				150	139		80 - 120	92.7
Beryllium				50	47		80 - 120	94.0
Cadmium				50	44.8		80 - 120	89.6
Calcium				5000	4570		80 - 120	91.4
Chromium				50	46.9		80 - 120	93.8
Cobalt				50	45.6		80 - 120	91.2
Copper				50	46.4		80 - 120	92.8
Iron				5000	4730		80 - 120	94.6
Lead				50	47.7		80 - 120	95.4
Magnesium				5000	4680		80 - 120	93.6
Manganese				50	47.6		80 - 120	95.2
Nickel				50	46.2		80 - 120	92.4
Potassium				5000	4450		80 - 120	89.0
Selenium				50	46.2		80 - 120	92.4
Silver				20	19.1		80 - 120	95.5
Sodium				5000	4690		80 - 120	93.8
Thallium				50	46.3		80 - 120	92.6
Vanadium				50	49.1		80 - 120	98.2
Zinc				50	46.9		80 - 120	93.8

140907 1447

Chain of Custody Documentation

140907 1447

Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507464 FC

Company: J N & Associates, Inc.	Project Name/Number: National Petroleum Packers/2005148-1089
Address: 1220 Kennestone Circle, Marietta, GA	Project Manager: Lou Von Oldenburg
Phone: 678-355-5550 Fax: 678-355-5745	Purchase Order:
Print Names(s) / Affiliation: Lou Von Oldenburg	
Sampler(s) Signature(s):	

Page 1 of 3

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:
REQUESTED DUE DATE
/ /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested: 6010	8260	8270	8082	Remarks	Lab. No.
1	NPPD194	8/26/07	1527		0	3		X	X	X	X	Water	01
2	NPPD212		1500										02
3	NPPD213		1457										03
4	NPPD217		1506										04
5	NPPD203		1503										05
6	NPPD218		1454										06
7	NPPD214		1457										07
8	NPPD206		1448										08
9	NPPD41		1445										09
Shipment Method						27	← Total Number of Containers						

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/27/07	1100			
Additional Comments: Fax Only				8/28/07	1700		8/28/07	1030
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
6C 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507464

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PEL Laboratories, Inc.

Chain of Custody Record
Record/Work Request

4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507464 KC

Company: T N & Associates, Inc.
Address: 1220 Pennestone Circle, Marietta, GA
Phone: 678-355-3550 Fax: 678-355-5545

Project Name/Number: National Petroleum Packers / 2005148-1089
Project Manager: Lou Von Oldenburg
Purchase Order:

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Print Names(s) / Affiliation: Lou Von Oldenburg
Sampler(s) Signature(s)

Preservatives (see codes)

Analyses Requested: 6010, 8260, 8270, 7841

REQUESTED DUE DATE: / /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Remarks	Lab. No.
10	NPPD216	8/26/07	1440		O	3	Waste	10
11	NPPD215		1435					11
12	NPPD197		1407					12
13	NPPD199		1412					13
14	NPPD208		1418					14
15	NPPD207		1415					15
16	NPPD40		1421					16
17	NPPD209-D209		1424					17
18	NPPD198		1406					18

Shipment Method: 27 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/27/07	1100		8/28	1030
Additional Comments: Jars only								
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
6 @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507464

244

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7890

0215

Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337890

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

2 Your Internal Billing Reference 2005/6 - 469

3 To

Recipient's Name _____ Phone 85 247 2[illegible]

Company P.L. LABS

Recipient's Address _____ Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4430 PINE POINT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33611

0366274374

8630 3433 7890

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Credit Card Auth.
1	02	

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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Rev. Date 10/06•Part #158279•©1994–2006 FedEx•PRINTED IN U.S.A.•SRF

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7857

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date | FedEx Tracking Number 863034337857

Sender's Name TN & ASSOCIATES INC Phone 678 355--5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066--6045

2 Your Internal Billing Reference 203148 - 1089

3 To

Recipient's Name Phone 813 247 2049

Company PC LABS

Recipient's Address 4400 PONA POINT BLVD

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7857

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 60

Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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8

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7905

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337905

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2ag/ks ch 7

3 To

Recipient's Name _____ Phone 813 247-2[illegible]

Company PEL LABS

Recipient's Address 4420 PENDOLA POINT RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address _____

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

*0366274374

8630 3433 7905

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages	Total Weight	Credit Card Auth.
1	50	

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7868

Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date

FedEx Tracking Number 863034337868

Sender's Name TN & ASSOCIATES INC Phone 678 [illegible] 9590

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

RECIPIENT: PEEL HERE

2 Your Internal Billing Reference 2005148-1089

3 To

Recipient's Name Phone 813 247 2805

Company PEL LABS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 4030 [illegible] POINTE

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33614

0366274374

8630 3433 7868

fedex.com 1.800.GoFedEx 1.800.463.3339

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [x] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages	Total Weight	Credit Card Auth.
1	1.0	

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8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
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6

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FedEx® US Airbill

FedEx Express

FedEx Tracking Number 8630 3433 7880

0225

Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337880

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

RECIPIENT: PEEL HERE

2 Your Internal Billing Reference Delays - 007

3 To

Recipient's Name _____ Phone 913 247-3005

Company PEL LABS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address 4450 PARK POINT DR

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7880

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
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- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages 1 Total Weight 30 [redacted] Credit Card Auth.

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FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7879

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337879

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept/Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2009/UK - 1087

3 To

Recipient's Name _____ Phone 813 247 9805

Company P&L CARS

Recipient's Address _____ Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes. 4720 DEMOCRA POINT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

.0366274374

8630 3433 7879

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
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- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

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- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
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- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

[redacted]

Total Packages 1 Total Weight 50 [redacted] Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507464	**Req:**	83921
Client:	TN&A	**Project:**	National Petroleum Packers (WASTE
Level:	2	**Date Rec'd:**	8/28/07 10:30:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/07/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507464 **Profile Name:** Nat'l Petro. **Profile #:** 83921

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 18	7470	Mercury		BMD	082907	1020
01 - 18	7470	Mercury	N/A			
01 - 18	6010	Metals		BMD	082907	1026
01 - 18	6010	Metals	N/A			
01 - 18	8260	Volatile Organic Compounds		MSJ	8/29/07	12:00
01 - 18	8260	Volatile Organic Compounds		consuming		
01 - 18	8270	GCMS semivolatile		GG	9/6/07	630pm
01 - 18	8270	GCMS semivolatile	GG		9/7/07	11am
01 - 18	8082	PCB		GG	9/5/07	7am
01 - 18	8082	PCB	GG		9/5/07	1pm

Additional:

Comments:

Addendum

140907 1447

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/28/07 10:30:00 AM

Date to be Reported: 9/18/07

Laboratory Submission Number/SDG: 2507464

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507464

Project: National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

None.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 2

Total of: 90 analyses on 18 samples (including QC) *30-Aug-07*

Report/SDG #: 2507464

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD194	250746401		O	8/26/07 3:27:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD212	250746402		O	8/26/07 3:00:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD213	250746403		O	8/26/07 2:57:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507464

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD217	250746404		O	8/26/07 3:06:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD203	250746405		O	8/26/07 3:03:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD218	250746406		O	8/26/07 2:54:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507464

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD214	250746407		O	8/26/07 2:51:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD206	250746408		O	8/26/07 2:48:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD41	250746409		O	8/26/07 2:45:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507464

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD216	250746410		O	8/26/07 2:40:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD215	250746411		O	8/26/07 2:35:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD197	250746412		O	8/26/07 2:07:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507464

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD199	250746413		O	8/26/07 2:12:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD208	250746414		O	8/26/07 2:18:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD207	250746415		O	8/26/07 2:15:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507464

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD40	250746416		O	8/26/07 2:21:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD209	250746417		O	8/26/07 2:24:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD198	250746418		O	8/26/07 2:06:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

From: Darcy Weisman
Sent: Friday, September 07, 2007 4:09 PM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: TNA 2507464 8260 waste
Importance: High

Good afternoon.

-----Original Message-----
From: Lisa Pelo
Sent: Friday, September 07, 2007 4:08 PM
To: Project Managers
Subject: TNA 2507464 8260 waste
Importance: High

Please notify the project chemist of the following:

Sample NPPD208 was only analyzed and will be reported at a 1:10000 and a 1:25000 dilution based on screening results due to high concentrations of Naphthalene. Both diluted analyses will be reported.

Sample NPPD203 required an additional 1:200 dilution due to a high concentration of 1,2,4-Trimethylbenzene. Both diluted analyses will be reported.

Samples NPPD199 and NPPD198 will only be reported at a 1:200 dilution due to foaming upon the purging process.

Darcy Weisman

From: Darcy Weisman
Sent: Monday, September 10, 2007 8:58 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: 2507464 - 8082 - TNA

Good morning.

-----Original Message-----
From: Brian Spann
Sent: Monday, September 10, 2007 7:40 AM
To: Project Managers
Subject: 2507464 - 8082 - TNA

A. Surrogates:

All acceptance criteria were met.

The following samples had surrogates that were diluted out: NPPD208 NPPD214

This e-mail is intended for the named addressee(s) and may contain information that is confidential and proprietary. If this information is received by anyone other than the named addressee(s), the recipient(s) should immediately notify the sender by e-mail and promptly delete the transmitted material. In no event shall this material be read, used, stored, or retained by anyone other than the named addressee(s) without the express written consent of the sender or the named addressee(s).

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/28/2007 10:30:00 AM
Date Reported:	9/12/2007
Laboratory Submission Number/SDG:	2507465
Project:	National Petroleum Packers

Samples: The submission consisted of 9 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

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Addendum 169

EXECUTIVE SUMMARY - Detection Highlights

2507465

SAMPLE ID: NPPD188

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	2.54	0.965	MG/KG	SW6010B
Arsenic	1.25	0.965	MG/KG	SW6010B
Barium	0.192 B	0.483	MG/KG	SW6010B
Calcium	10.8	9.65	MG/KG	SW6010B
Copper	0.217 B	0.483	MG/KG	SW6010B
Iron	5.17	4.83	MG/KG	SW6010B
Potassium	65.8	48.3	MG/KG	SW6010B
Selenium	0.926 B	0.965	MG/KG	SW6010B
Sodium	16400	29	MG/KG	SW6010B

SAMPLE ID: NPPD189

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Arsenic	0.513 B	0.988	MG/KG	SW6010B
Calcium	4.26 B	9.88	MG/KG	SW6010B
Potassium	55.7	49.4	MG/KG	SW6010B
Selenium	2.06	0.988	MG/KG	SW6010B
Sodium	112	29.6	MG/KG	SW6010B
Zinc	0.502 B	0.988	MG/KG	SW6010B

SAMPLE ID: NPPD190

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	2.04 B	5.45	MG/KG	SW6010B
Copper	0.156 B	0.273	MG/KG	SW6010B
Iron	1.24 B	2.73	MG/KG	SW6010B
Sodium	913	16.4	MG/KG	SW6010B
Mercury	0.0104 B	0.0199	MG/KG	SW7470A

SAMPLE ID: NPPD190DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD

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EXECUTIVE SUMMARY - Detection Highlights

2507465

Potassium	312000	682	MG/KG	SW6010B

SAMPLE ID: NPPD193

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	217	4.77	MG/KG	SW6010B
Manganese	0.602	0.477	MG/KG	SW6010B
Potassium	91.7	47.7	MG/KG	SW6010B

SAMPLE ID: NPPD195

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	7.57 B	9.11	MG/KG	SW6010B
Antimony	0.771 B	0.911	MG/KG	SW6010B
Calcium	8.25 B	9.11	MG/KG	SW6010B
Chromium	2.56	0.455	MG/KG	SW6010B
Copper	4.17	0.455	MG/KG	SW6010B
Iron	4560	4.55	MG/KG	SW6010B
Lead	0.728	0.619	MG/KG	SW6010B
Manganese	15.6	0.455	MG/KG	SW6010B
Nickel	1.25	0.455	MG/KG	SW6010B
Potassium	176	45.5	MG/KG	SW6010B
Selenium	0.646 B	0.911	MG/KG	SW6010B
Sodium	23.2 B	27.3	MG/KG	SW6010B
Vanadium	0.204 B	0.455	MG/KG	SW6010B
Zinc	2.6	0.911	MG/KG	SW6010B
Mercury	0.0125 B	0.0196	MG/KG	SW7470A
2-Butanone	45300	3330	UG/KG	SW8260B
2-Hexanone	4180	1330	UG/KG	SW8260B
4-Methyl-2-pentanone	606 J	1330	UG/KG	SW8260B

SAMPLE ID: NPPD195DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Acetone	145000	13300	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507465

SAMPLE ID: NPPD196

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	8.81	0.934	MG/KG	SW6010B
Arsenic	0.509 B	0.934	MG/KG	SW6010B
Barium	0.255 B	0.467	MG/KG	SW6010B
Calcium	234	9.34	MG/KG	SW6010B
Iron	1990	4.67	MG/KG	SW6010B
Magnesium	63.4	9.34	MG/KG	SW6010B
Manganese	32.5	0.467	MG/KG	SW6010B
Potassium	132	46.7	MG/KG	SW6010B
Selenium	1.89	0.934	MG/KG	SW6010B
Sodium	14200	28	MG/KG	SW6010B
Zinc	1.04	0.934	MG/KG	SW6010B
Acetone	8330	3700	UG/KG	SW8260B
4-Methylphenol	59700 J	310000	UG/KG	SW8270C
Phenol	764000 J	1550000	UG/KG	SW8270C

SAMPLE ID: NPPD200

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Arsenic	0.625 B	0.971	MG/KG	SW6010B
Iron	1.12 B	4.85	MG/KG	SW6010B
Potassium	28.9 B	48.5	MG/KG	SW6010B
Selenium	3.21	0.971	MG/KG	SW6010B
Sodium	181	29.1	MG/KG	SW6010B
Zinc	0.449 B	0.971	MG/KG	SW6010B
p,m-Xylene	2990 J	5370	UG/KG	SW8260B
bis(2-ethylhexyl)phthalat	161000 J	328000	UG/KG	SW8270C

SAMPLE ID: NPPD210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.432 B	0.975	MG/KG	SW6010B
Calcium	53.4	9.75	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507465

Copper	0.311 B	0.487	MG/KG	SW6010B
Iron	13	4.87	MG/KG	SW6010B
Lead	1.14	0.663	MG/KG	SW6010B
Zinc	56.2	0.975	MG/KG	SW6010B
Mercury	0.00274 B	0.0196	MG/KG	SW7470A
Naphthalene	920	633	UG/KG	SW8260B

SAMPLE ID: NPPD210P1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1-Methylnaphthalene	114000 J	361000	UG/KG	SW8270C
2-Methylnaphthalene	179000 J	361000	UG/KG	SW8270C

SAMPLE ID: NPPD211

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	8.76	0.901	MG/KG	SW6010B
Barium	0.916	0.45	MG/KG	SW6010B
Calcium	5.82 B	9.01	MG/KG	SW6010B
Copper	0.361 B	0.45	MG/KG	SW6010B
Iron	100	4.5	MG/KG	SW6010B
Manganese	0.749	0.45	MG/KG	SW6010B
Potassium	124	45	MG/KG	SW6010B
Sodium	21.9 B	27	MG/KG	SW6010B
Zinc	4.03	0.901	MG/KG	SW6010B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample NPPD189 was recovered below criteria for Dibromofluoromethane at 14.2 % with criteria of (68-119).

Sample NPPD190 was recovered below criteria for Dibromofluoromethane at 0 % with criteria of (68-119).

No further action was taken, since the three other surrogates met criteria for these samples. It appears that there is a matrix effect that decreases the response of DBFM, which has been noted in previous SDGs from this project. Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

LCS 090507LCSA24 was analyzed with the soil samples on 09/05/07. The following analyte was recovered below criteria: Acrolein at 63.2 % with criteria of (69-130).

No further action was required. Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

Sample NPPD195 required an additional 1:200 dilution due to a high concentration of Acetone. Both diluted runs are reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/07/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Method: 8260

EPA Sample No	Lab Sample ID
NPPD210	250746501
NPPD211	250746502
NPPD196	250746503
NPPD190	250746504
NPPD195	250746505
NPPD195DL1	250746505DL1
NPPD193	250746506
NPPD189	250746507
NPPD200	250746508
NPPD188	250746509

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD210

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501 Lab File ID: 46501.D

Sample wt/vol: 1.58 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1406

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	633	U
74-87-3	Chloromethane	633	U
75-01-4	Vinyl chloride	633	U
74-83-9	Bromomethane	633	U
75-00-3	Chloroethane	1580	U
75-69-4	Trichlorofluoromethane	633	U
75-35-4	1,1-Dichloroethene	633	U
107-02-8	Acrolein	7910	U
74-88-4	Methyl iodide	633	U
75-15-0	Carbon disulfide	633	U
75-09-2	Methylene chloride	1580	U
156-60-5	trans-1,2-Dichloroethene	633	U
107-13-1	Acrylonitrile	1580	U
75-34-3	1,1-Dichloroethane	633	U
67-64-1	Acetone	3160	U
594-20-7	2,2-Dichloropropane	633	U
156-59-2	cis-1,2-Dichloroethene	633	U
74-97-5	Bromochloromethane	633	U
78-93-3	2-Butanone	3160	U
67-66-3	Chloroform	633	U
71-55-6	1,1,1-Trichloroethane	633	U
56-23-5	Carbon tetrachloride	633	U
563-58-6	1,1-Dichloropropene	633	U
71-43-2	Benzene	633	U
107-06-2	1,2-Dichloroethane	633	U
79-01-6	Trichloroethene	633	U
108-05-4	Vinyl acetate	1260	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD210

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501 Lab File ID: 46501.D

Sample wt/vol: 1.58 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1406

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	633	U
74-95-3	Dibromomethane	633	U
75-27-4	Bromodichloromethane	633	U
10061-01-5	cis-1,3-Dichloropropene	633	U
108-10-1	4-Methyl-2-pentanone	1260	U
108-88-3	Toluene	633	U
10061-02-6	trans-1,3-Dichloropropene	633	U
79-00-5	1,1,2-Trichloroethane	633	U
127-18-4	Tetrachloroethene	1580	U
142-28-9	1,3-Dichloropropane	633	U
591-78-6	2-Hexanone	1260	U
124-48-1	Dibromochloromethane	633	U
106-93-4	1,2-Dibromoethane(EDB)	633	U
108-90-7	Chlorobenzene	633	U
630-20-6	1,1,1,2-Tetrachloroethane	633	U
100-41-4	Ethylbenzene	633	U
511-39-00	p,m-Xylene	1260	U
95-47-6	o-Xylene	633	U
100-42-5	Styrene	633	U
75-25-2	Bromoform	1580	U
98-82-8	Isopropylbenzene (Cumene)	633	U
108-86-1	Bromobenzene	633	U
79-34-5	1,1,2,2-Tetrachloroethane	633	U
96-18-4	1,2,3-Trichloropropane	633	U
103-65-1	n-Propylbenzene	633	U
95-49-8	2-Chlorotoluene	633	U
106-43-4	4-Chlorotoluene	633	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD210

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501 Lab File ID: 46501.D

Sample wt/vol: 1.58 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1406

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	633	U
98-06-6	tert-Butylbenzene	633	U
95-63-6	1,2,4-Trimethylbenzene	633	U
135-98-8	sec-Butylbenzene	633	U
541-73-1	1,3-Dichlorobenzene	633	U
106-46-7	1,4-Dichlorobenzene	633	U
99-87-6	4-Isopropyltoluene	633	U
104-51-8	n-Butylbenzene	633	U
95-50-1	1,2-Dichlorobenzene	633	U
96-12-8	1,2-Dibromo-3-chloropropane	3160	U
120-82-1	1,2,4-Trichlorobenzene	633	U
87-68-3	Hexachlorobutadiene	949	U
91-20-3	Naphthalene	920	
87-61-6	1,2,3-Trichlorobenzene	633	U
1634-04-4	MTBE	633	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD211

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746502 Lab File ID: 46502.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1432

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	667	U
74-87-3	Chloromethane	667	U
75-01-4	Vinyl chloride	667	U
74-83-9	Bromomethane	667	U
75-00-3	Chloroethane	1670	U
75-69-4	Trichlorofluoromethane	667	U
75-35-4	1,1-Dichloroethene	667	U
107-02-8	Acrolein	8330	U
74-88-4	Methyl iodide	667	U
75-15-0	Carbon disulfide	667	U
75-09-2	Methylene chloride	1670	U
156-60-5	trans-1,2-Dichloroethene	667	U
107-13-1	Acrylonitrile	1670	U
75-34-3	1,1-Dichloroethane	667	U
67-64-1	Acetone	3330	U
594-20-7	2,2-Dichloropropane	667	U
156-59-2	cis-1,2-Dichloroethene	667	U
74-97-5	Bromochloromethane	667	U
78-93-3	2-Butanone	3330	U
67-66-3	Chloroform	667	U
71-55-6	1,1,1-Trichloroethane	667	U
56-23-5	Carbon tetrachloride	667	U
563-58-6	1,1-Dichloropropene	667	U
71-43-2	Benzene	667	U
107-06-2	1,2-Dichloroethane	667	U
79-01-6	Trichloroethene	667	U
108-05-4	Vinyl acetate	1330	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD211

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746502 Lab File ID: 46502.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1432

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	667	U
74-95-3	Dibromomethane	667	U
75-27-4	Bromodichloromethane	667	U
10061-01-5	cis-1,3-Dichloropropene	667	U
108-10-1	4-Methyl-2-pentanone	1330	U
108-88-3	Toluene	667	U
10061-02-6	trans-1,3-Dichloropropene	667	U
79-00-5	1,1,2-Trichloroethane	667	U
127-18-4	Tetrachloroethene	1670	U
142-28-9	1,3-Dichloropropane	667	U
591-78-6	2-Hexanone	1330	U
124-48-1	Dibromochloromethane	667	U
106-93-4	1,2-Dibromoethane(EDB)	667	U
108-90-7	Chlorobenzene	667	U
630-20-6	1,1,1,2-Tetrachloroethane	667	U
100-41-4	Ethylbenzene	667	U
511-39-00	p,m-Xylene	1330	U
95-47-6	o-Xylene	667	U
100-42-5	Styrene	667	U
75-25-2	Bromoform	1670	U
98-82-8	Isopropylbenzene (Cumene)	667	U
108-86-1	Bromobenzene	667	U
79-34-5	1,1,2,2-Tetrachloroethane	667	U
96-18-4	1,2,3-Trichloropropane	667	U
103-65-1	n-Propylbenzene	667	U
95-49-8	2-Chlorotoluene	667	U
106-43-4	4-Chlorotoluene	667	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD211

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746502 Lab File ID: 46502.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1432

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	667	U
98-06-6	tert-Butylbenzene	667	U
95-63-6	1,2,4-Trimethylbenzene	667	U
135-98-8	sec-Butylbenzene	667	U
541-73-1	1,3-Dichlorobenzene	667	U
106-46-7	1,4-Dichlorobenzene	667	U
99-87-6	4-Isopropyltoluene	667	U
104-51-8	n-Butylbenzene	667	U
95-50-1	1,2-Dichlorobenzene	667	U
96-12-8	1,2-Dibromo-3-chloropropane	3330	U
120-82-1	1,2,4-Trichlorobenzene	667	U
87-68-3	Hexachlorobutadiene	1000	U
91-20-3	Naphthalene	667	U
87-61-6	1,2,3-Trichlorobenzene	667	U
1634-04-4	MTBE	667	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD196

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746503 Lab File ID: 46503.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1500

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	741	U
74-87-3	Chloromethane	741	U
75-01-4	Vinyl chloride	741	U
74-83-9	Bromomethane	741	U
75-00-3	Chloroethane	1850	U
75-69-4	Trichlorofluoromethane	741	U
75-35-4	1,1-Dichloroethene	741	U
107-02-8	Acrolein	9260	U
74-88-4	Methyl iodide	741	U
75-15-0	Carbon disulfide	741	U
75-09-2	Methylene chloride	1850	U
156-60-5	trans-1,2-Dichloroethene	741	U
107-13-1	Acrylonitrile	1850	U
75-34-3	1,1-Dichloroethane	741	U
67-64-1	Acetone	8330	
594-20-7	2,2-Dichloropropane	741	U
156-59-2	cis-1,2-Dichloroethene	741	U
74-97-5	Bromochloromethane	741	U
78-93-3	2-Butanone	3700	U
67-66-3	Chloroform	741	U
71-55-6	1,1,1-Trichloroethane	741	U
56-23-5	Carbon tetrachloride	741	U
563-58-6	1,1-Dichloropropene	741	U
71-43-2	Benzene	741	U
107-06-2	1,2-Dichloroethane	741	U
79-01-6	Trichloroethene	741	U
108-05-4	Vinyl acetate	1480	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD196

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746503 Lab File ID: 46503.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1500

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	741	U
74-95-3	Dibromomethane	741	U
75-27-4	Bromodichloromethane	741	U
10061-01-5	cis-1,3-Dichloropropene	741	U
108-10-1	4-Methyl-2-pentanone	1480	U
108-88-3	Toluene	741	U
10061-02-6	trans-1,3-Dichloropropene	741	U
79-00-5	1,1,2-Trichloroethane	741	U
127-18-4	Tetrachloroethene	1850	U
142-28-9	1,3-Dichloropropane	741	U
591-78-6	2-Hexanone	1480	U
124-48-1	Dibromochloromethane	741	U
106-93-4	1,2-Dibromoethane(EDB)	741	U
108-90-7	Chlorobenzene	741	U
630-20-6	1,1,1,2-Tetrachloroethane	741	U
100-41-4	Ethylbenzene	741	U
511-39-00	p,m-Xylene	1480	U
95-47-6	o-Xylene	741	U
100-42-5	Styrene	741	U
75-25-2	Bromoform	1850	U
98-82-8	Isopropylbenzene (Cumene)	741	U
108-86-1	Bromobenzene	741	U
79-34-5	1,1,2,2-Tetrachloroethane	741	U
96-18-4	1,2,3-Trichloropropane	741	U
103-65-1	n-Propylbenzene	741	U
95-49-8	2-Chlorotoluene	741	U
106-43-4	4-Chlorotoluene	741	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD196

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746503 Lab File ID: 46503.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1500

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	741	U
98-06-6	tert-Butylbenzene	741	U
95-63-6	1,2,4-Trimethylbenzene	741	U
135-98-8	sec-Butylbenzene	741	U
541-73-1	1,3-Dichlorobenzene	741	U
106-46-7	1,4-Dichlorobenzene	741	U
99-87-6	4-Isopropyltoluene	741	U
104-51-8	n-Butylbenzene	741	U
95-50-1	1,2-Dichlorobenzene	741	U
96-12-8	1,2-Dibromo-3-chloropropane	3700	U
120-82-1	1,2,4-Trichlorobenzene	741	U
87-68-3	Hexachlorobutadiene	1110	U
91-20-3	Naphthalene	741	U
87-61-6	1,2,3-Trichlorobenzene	741	U
1634-04-4	MTBE	741	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD190

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746504 Lab File ID: 46504.D

Sample wt/vol: 2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1528

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	500	U
74-87-3	Chloromethane	500	U
75-01-4	Vinyl chloride	500	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	1250	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	500	U
107-02-8	Acrolein	6250	U
74-88-4	Methyl iodide	500	U
75-15-0	Carbon disulfide	500	U
75-09-2	Methylene chloride	1250	U
156-60-5	trans-1,2-Dichloroethene	500	U
107-13-1	Acrylonitrile	1250	U
75-34-3	1,1-Dichloroethane	500	U
67-64-1	Acetone	2500	U
594-20-7	2,2-Dichloropropane	500	U
156-59-2	cis-1,2-Dichloroethene	500	U
74-97-5	Bromochloromethane	500	U
78-93-3	2-Butanone	2500	U
67-66-3	Chloroform	500	U
71-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon tetrachloride	500	U
563-58-6	1,1-Dichloropropene	500	U
71-43-2	Benzene	500	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	500	U
108-05-4	Vinyl acetate	1000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD190

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746504 Lab File ID: 46504.D

Sample wt/vol: 2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1528

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	500	U
74-95-3	Dibromomethane	500	U
75-27-4	Bromodichloromethane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
108-10-1	4-Methyl-2-pentanone	1000	U
108-88-3	Toluene	500	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	1250	U
142-28-9	1,3-Dichloropropane	500	U
591-78-6	2-Hexanone	1000	U
124-48-1	Dibromochloromethane	500	U
106-93-4	1,2-Dibromoethane(EDB)	500	U
108-90-7	Chlorobenzene	500	U
630-20-6	1,1,1,2-Tetrachloroethane	500	U
100-41-4	Ethylbenzene	500	U
511-39-00	p,m-Xylene	1000	U
95-47-6	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	1250	U
98-82-8	Isopropylbenzene (Cumene)	500	U
108-86-1	Bromobenzene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U
96-18-4	1,2,3-Trichloropropane	500	U
103-65-1	n-Propylbenzene	500	U
95-49-8	2-Chlorotoluene	500	U
106-43-4	4-Chlorotoluene	500	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD190

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746504 Lab File ID: 46504.D

Sample wt/vol: 2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1528

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	500	U
98-06-6	tert-Butylbenzene	500	U
95-63-6	1,2,4-Trimethylbenzene	500	U
135-98-8	sec-Butylbenzene	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
99-87-6	4-Isopropyltoluene	500	U
104-51-8	n-Butylbenzene	500	U
95-50-1	1,2-Dichlorobenzene	500	U
96-12-8	1,2-Dibromo-3-chloropropane	2500	U
120-82-1	1,2,4-Trichlorobenzene	500	U
87-68-3	Hexachlorobutadiene	750	U
91-20-3	Naphthalene	500	U
87-61-6	1,2,3-Trichlorobenzene	500	U
1634-04-4	MTBE	500	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD195

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505 Lab File ID: 46505.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1556

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	667	U
74-87-3	Chloromethane	667	U
75-01-4	Vinyl chloride	667	U
74-83-9	Bromomethane	667	U
75-00-3	Chloroethane	1670	U
75-69-4	Trichlorofluoromethane	667	U
75-35-4	1,1-Dichloroethene	667	U
107-02-8	Acrolein	8330	U
74-88-4	Methyl iodide	667	U
75-15-0	Carbon disulfide	667	U
75-09-2	Methylene chloride	1670	U
156-60-5	trans-1,2-Dichloroethene	667	U
107-13-1	Acrylonitrile	1670	U
75-34-3	1,1-Dichloroethane	667	U
67-64-1	Acetone	94100	E
594-20-7	2,2-Dichloropropane	667	U
156-59-2	cis-1,2-Dichloroethene	667	U
74-97-5	Bromochloromethane	667	U
78-93-3	2-Butanone	45300	
67-66-3	Chloroform	667	U
71-55-6	1,1,1-Trichloroethane	667	U
56-23-5	Carbon tetrachloride	667	U
563-58-6	1,1-Dichloropropene	667	U
71-43-2	Benzene	667	U
107-06-2	1,2-Dichloroethane	667	U
79-01-6	Trichloroethene	667	U
108-05-4	Vinyl acetate	1330	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD195

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505 Lab File ID: 46505.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1556

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	667	U
74-95-3	Dibromomethane	667	U
75-27-4	Bromodichloromethane	667	U
10061-01-5	cis-1,3-Dichloropropene	667	U
108-10-1	4-Methyl-2-pentanone	606	J
108-88-3	Toluene	667	U
10061-02-6	trans-1,3-Dichloropropene	667	U
79-00-5	1,1,2-Trichloroethane	667	U
127-18-4	Tetrachloroethene	1670	U
142-28-9	1,3-Dichloropropane	667	U
591-78-6	2-Hexanone	4180	
124-48-1	Dibromochloromethane	667	U
106-93-4	1,2-Dibromoethane(EDB)	667	U
108-90-7	Chlorobenzene	667	U
630-20-6	1,1,1,2-Tetrachloroethane	667	U
100-41-4	Ethylbenzene	667	U
511-39-00	p,m-Xylene	1330	U
95-47-6	o-Xylene	667	U
100-42-5	Styrene	667	U
75-25-2	Bromoform	1670	U
98-82-8	Isopropylbenzene (Cumene)	667	U
108-86-1	Bromobenzene	667	U
79-34-5	1,1,2,2-Tetrachloroethane	667	U
96-18-4	1,2,3-Trichloropropane	667	U
103-65-1	n-Propylbenzene	667	U
95-49-8	2-Chlorotoluene	667	U
106-43-4	4-Chlorotoluene	667	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD195

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505 Lab File ID: 46505.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1556

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	667	U
98-06-6	tert-Butylbenzene	667	U
95-63-6	1,2,4-Trimethylbenzene	667	U
135-98-8	sec-Butylbenzene	667	U
541-73-1	1,3-Dichlorobenzene	667	U
106-46-7	1,4-Dichlorobenzene	667	U
99-87-6	4-Isopropyltoluene	667	U
104-51-8	n-Butylbenzene	667	U
95-50-1	1,2-Dichlorobenzene	667	U
96-12-8	1,2-Dibromo-3-chloropropane	3330	U
120-82-1	1,2,4-Trichlorobenzene	667	U
87-68-3	Hexachlorobutadiene	1000	U
91-20-3	Naphthalene	667	U
87-61-6	1,2,3-Trichlorobenzene	667	U
1634-04-4	MTBE	667	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD195DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505DL1 Lab File ID: 46505D.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0950

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2670	U
74-87-3	Chloromethane	2670	U
75-01-4	Vinyl chloride	2670	U
74-83-9	Bromomethane	2670	U
75-00-3	Chloroethane	6670	U
75-69-4	Trichlorofluoromethane	2670	U
75-35-4	1,1-Dichloroethene	2670	U
107-02-8	Acrolein	33300	U
74-88-4	Methyl iodide	2670	U
75-15-0	Carbon disulfide	2670	U
75-09-2	Methylene chloride	6670	U
156-60-5	trans-1,2-Dichloroethene	2670	U
107-13-1	Acrylonitrile	6670	U
75-34-3	1,1-Dichloroethane	2670	U
67-64-1	Acetone	145000	
594-20-7	2,2-Dichloropropane	2670	U
156-59-2	cis-1,2-Dichloroethene	2670	U
74-97-5	Bromochloromethane	2670	U
78-93-3	2-Butanone	34100	
67-66-3	Chloroform	2670	U
71-55-6	1,1,1-Trichloroethane	2670	U
56-23-5	Carbon tetrachloride	2670	U
563-58-6	1,1-Dichloropropene	2670	U
71-43-2	Benzene	2670	U
107-06-2	1,2-Dichloroethane	2670	U
79-01-6	Trichloroethene	2670	U
108-05-4	Vinyl acetate	5330	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD195DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505DL1 Lab File ID: 46505D.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0950

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2670	U
74-95-3	Dibromomethane	2670	U
75-27-4	Bromodichloromethane	2670	U
10061-01-5	cis-1,3-Dichloropropene	2670	U
108-10-1	4-Methyl-2-pentanone	5330	U
108-88-3	Toluene	2670	U
10061-02-6	trans-1,3-Dichloropropene	2670	U
79-00-5	1,1,2-Trichloroethane	2670	U
127-18-4	Tetrachloroethene	6670	U
142-28-9	1,3-Dichloropropane	2670	U
591-78-6	2-Hexanone	5330	U
124-48-1	Dibromochloromethane	2670	U
106-93-4	1,2-Dibromoethane(EDB)	2670	U
108-90-7	Chlorobenzene	2670	U
630-20-6	1,1,1,2-Tetrachloroethane	2670	U
100-41-4	Ethylbenzene	2670	U
511-39-00	p,m-Xylene	5330	U
95-47-6	o-Xylene	2670	U
100-42-5	Styrene	2670	U
75-25-2	Bromoform	6670	U
98-82-8	Isopropylbenzene (Cumene)	2670	U
108-86-1	Bromobenzene	2670	U
79-34-5	1,1,2,2-Tetrachloroethane	2670	U
96-18-4	1,2,3-Trichloropropane	2670	U
103-65-1	n-Propylbenzene	2670	U
95-49-8	2-Chlorotoluene	2670	U
106-43-4	4-Chlorotoluene	2670	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD195DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505DL1 Lab File ID: 46505D.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0950

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2670	U
98-06-6	tert-Butylbenzene	2670	U
95-63-6	1,2,4-Trimethylbenzene	2670	U
135-98-8	sec-Butylbenzene	2670	U
541-73-1	1,3-Dichlorobenzene	2670	U
106-46-7	1,4-Dichlorobenzene	2670	U
99-87-6	4-Isopropyltoluene	2670	U
104-51-8	n-Butylbenzene	2670	U
95-50-1	1,2-Dichlorobenzene	2670	U
96-12-8	1,2-Dibromo-3-chloropropane	13300	U
120-82-1	1,2,4-Trichlorobenzene	2670	U
87-68-3	Hexachlorobutadiene	4000	U
91-20-3	Naphthalene	2670	U
87-61-6	1,2,3-Trichlorobenzene	2670	U
1634-04-4	MTBE	2670	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD193

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746506 Lab File ID: 46506.D

Sample wt/vol: 1.57 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1623

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	637	U
74-87-3	Chloromethane	637	U
75-01-4	Vinyl chloride	637	U
74-83-9	Bromomethane	637	U
75-00-3	Chloroethane	1590	U
75-69-4	Trichlorofluoromethane	637	U
75-35-4	1,1-Dichloroethene	637	U
107-02-8	Acrolein	7960	U
74-88-4	Methyl iodide	637	U
75-15-0	Carbon disulfide	637	U
75-09-2	Methylene chloride	1590	U
156-60-5	trans-1,2-Dichloroethene	637	U
107-13-1	Acrylonitrile	1590	U
75-34-3	1,1-Dichloroethane	637	U
67-64-1	Acetone	3180	U
594-20-7	2,2-Dichloropropane	637	U
156-59-2	cis-1,2-Dichloroethene	637	U
74-97-5	Bromochloromethane	637	U
78-93-3	2-Butanone	3180	U
67-66-3	Chloroform	637	U
71-55-6	1,1,1-Trichloroethane	637	U
56-23-5	Carbon tetrachloride	637	U
563-58-6	1,1-Dichloropropene	637	U
71-43-2	Benzene	637	U
107-06-2	1,2-Dichloroethane	637	U
79-01-6	Trichloroethene	637	U
108-05-4	Vinyl acetate	1270	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD193

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746506 Lab File ID: 46506.D

Sample wt/vol: 1.57 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1623

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	637	U
74-95-3	Dibromomethane	637	U
75-27-4	Bromodichloromethane	637	U
10061-01-5	cis-1,3-Dichloropropene	637	U
108-10-1	4-Methyl-2-pentanone	1270	U
108-88-3	Toluene	637	U
10061-02-6	trans-1,3-Dichloropropene	637	U
79-00-5	1,1,2-Trichloroethane	637	U
127-18-4	Tetrachloroethene	1590	U
142-28-9	1,3-Dichloropropane	637	U
591-78-6	2-Hexanone	1270	U
124-48-1	Dibromochloromethane	637	U
106-93-4	1,2-Dibromoethane(EDB)	637	U
108-90-7	Chlorobenzene	637	U
630-20-6	1,1,1,2-Tetrachloroethane	637	U
100-41-4	Ethylbenzene	637	U
511-39-00	p,m-Xylene	1270	U
95-47-6	o-Xylene	637	U
100-42-5	Styrene	637	U
75-25-2	Bromoform	1590	U
98-82-8	Isopropylbenzene (Cumene)	637	U
108-86-1	Bromobenzene	637	U
79-34-5	1,1,2,2-Tetrachloroethane	637	U
96-18-4	1,2,3-Trichloropropane	637	U
103-65-1	n-Propylbenzene	637	U
95-49-8	2-Chlorotoluene	637	U
106-43-4	4-Chlorotoluene	637	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD193

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746506 Lab File ID: 46506.D

Sample wt/vol: 1.57 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1623

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	637	U
98-06-6	tert-Butylbenzene	637	U
95-63-6	1,2,4-Trimethylbenzene	637	U
135-98-8	sec-Butylbenzene	637	U
541-73-1	1,3-Dichlorobenzene	637	U
106-46-7	1,4-Dichlorobenzene	637	U
99-87-6	4-Isopropyltoluene	637	U
104-51-8	n-Butylbenzene	637	U
95-50-1	1,2-Dichlorobenzene	637	U
96-12-8	1,2-Dibromo-3-chloropropane	3180	U
120-82-1	1,2,4-Trichlorobenzene	637	U
87-68-3	Hexachlorobutadiene	955	U
91-20-3	Naphthalene	637	U
87-61-6	1,2,3-Trichlorobenzene	637	U
1634-04-4	MTBE	637	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD189

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746507 Lab File ID: 46507.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1650

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	667	U
74-87-3	Chloromethane	667	U
75-01-4	Vinyl chloride	667	U
74-83-9	Bromomethane	667	U
75-00-3	Chloroethane	1670	U
75-69-4	Trichlorofluoromethane	667	U
75-35-4	1,1-Dichloroethene	667	U
107-02-8	Acrolein	8330	U
74-88-4	Methyl iodide	667	U
75-15-0	Carbon disulfide	667	U
75-09-2	Methylene chloride	1670	U
156-60-5	trans-1,2-Dichloroethene	667	U
107-13-1	Acrylonitrile	1670	U
75-34-3	1,1-Dichloroethane	667	U
67-64-1	Acetone	3330	U
594-20-7	2,2-Dichloropropane	667	U
156-59-2	cis-1,2-Dichloroethene	667	U
74-97-5	Bromochloromethane	667	U
78-93-3	2-Butanone	3330	U
67-66-3	Chloroform	667	U
71-55-6	1,1,1-Trichloroethane	667	U
56-23-5	Carbon tetrachloride	667	U
563-58-6	1,1-Dichloropropene	667	U
71-43-2	Benzene	667	U
107-06-2	1,2-Dichloroethane	667	U
79-01-6	Trichloroethene	667	U
108-05-4	Vinyl acetate	1330	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD189

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746507 Lab File ID: 46507.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1650

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	667	U
74-95-3	Dibromomethane	667	U
75-27-4	Bromodichloromethane	667	U
10061-01-5	cis-1,3-Dichloropropene	667	U
108-10-1	4-Methyl-2-pentanone	1330	U
108-88-3	Toluene	667	U
10061-02-6	trans-1,3-Dichloropropene	667	U
79-00-5	1,1,2-Trichloroethane	667	U
127-18-4	Tetrachloroethene	1670	U
142-28-9	1,3-Dichloropropane	667	U
591-78-6	2-Hexanone	1330	U
124-48-1	Dibromochloromethane	667	U
106-93-4	1,2-Dibromoethane(EDB)	667	U
108-90-7	Chlorobenzene	667	U
630-20-6	1,1,1,2-Tetrachloroethane	667	U
100-41-4	Ethylbenzene	667	U
511-39-00	p,m-Xylene	1330	U
95-47-6	o-Xylene	667	U
100-42-5	Styrene	667	U
75-25-2	Bromoform	1670	U
98-82-8	Isopropylbenzene (Cumene)	667	U
108-86-1	Bromobenzene	667	U
79-34-5	1,1,2,2-Tetrachloroethane	667	U
96-18-4	1,2,3-Trichloropropane	667	U
103-65-1	n-Propylbenzene	667	U
95-49-8	2-Chlorotoluene	667	U
106-43-4	4-Chlorotoluene	667	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD189

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746507 Lab File ID: 46507.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1650

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	667	U
98-06-6	tert-Butylbenzene	667	U
95-63-6	1,2,4-Trimethylbenzene	667	U
135-98-8	sec-Butylbenzene	667	U
541-73-1	1,3-Dichlorobenzene	667	U
106-46-7	1,4-Dichlorobenzene	667	U
99-87-6	4-Isopropyltoluene	667	U
104-51-8	n-Butylbenzene	667	U
95-50-1	1,2-Dichlorobenzene	667	U
96-12-8	1,2-Dibromo-3-chloropropane	3330	U
120-82-1	1,2,4-Trichlorobenzene	667	U
87-68-3	Hexachlorobutadiene	1000	U
91-20-3	Naphthalene	667	U
87-61-6	1,2,3-Trichlorobenzene	667	U
1634-04-4	MTBE	667	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD200

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746508 Lab File ID: 46508D.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1017

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2680	U
74-87-3	Chloromethane	2680	U
75-01-4	Vinyl chloride	2680	U
74-83-9	Bromomethane	2680	U
75-00-3	Chloroethane	6710	U
75-69-4	Trichlorofluoromethane	2680	U
75-35-4	1,1-Dichloroethene	2680	U
107-02-8	Acrolein	33600	U
74-88-4	Methyl iodide	2680	U
75-15-0	Carbon disulfide	2680	U
75-09-2	Methylene chloride	6710	U
156-60-5	trans-1,2-Dichloroethene	2680	U
107-13-1	Acrylonitrile	6710	U
75-34-3	1,1-Dichloroethane	2680	U
67-64-1	Acetone	13400	U
594-20-7	2,2-Dichloropropane	2680	U
156-59-2	cis-1,2-Dichloroethene	2680	U
74-97-5	Bromochloromethane	2680	U
78-93-3	2-Butanone	13400	U
67-66-3	Chloroform	2680	U
71-55-6	1,1,1-Trichloroethane	2680	U
56-23-5	Carbon tetrachloride	2680	U
563-58-6	1,1-Dichloropropene	2680	U
71-43-2	Benzene	2680	U
107-06-2	1,2-Dichloroethane	2680	U
79-01-6	Trichloroethene	2680	U
108-05-4	Vinyl acetate	5370	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD200

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746508 Lab File ID: 46508D.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1017

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2680	U
74-95-3	Dibromomethane	2680	U
75-27-4	Bromodichloromethane	2680	U
10061-01-5	cis-1,3-Dichloropropene	2680	U
108-10-1	4-Methyl-2-pentanone	5370	U
108-88-3	Toluene	2680	U
10061-02-6	trans-1,3-Dichloropropene	2680	U
79-00-5	1,1,2-Trichloroethane	2680	U
127-18-4	Tetrachloroethene	6710	U
142-28-9	1,3-Dichloropropane	2680	U
591-78-6	2-Hexanone	5370	U
124-48-1	Dibromochloromethane	2680	U
106-93-4	1,2-Dibromoethane(EDB)	2680	U
108-90-7	Chlorobenzene	2680	U
630-20-6	1,1,1,2-Tetrachloroethane	2680	U
100-41-4	Ethylbenzene	2680	U
511-39-00	p,m-Xylene	2990	J
95-47-6	o-Xylene	2680	U
100-42-5	Styrene	2680	U
75-25-2	Bromoform	6710	U
98-82-8	Isopropylbenzene (Cumene)	2680	U
108-86-1	Bromobenzene	2680	U
79-34-5	1,1,2,2-Tetrachloroethane	2680	U
96-18-4	1,2,3-Trichloropropane	2680	U
103-65-1	n-Propylbenzene	2680	U
95-49-8	2-Chlorotoluene	2680	U
106-43-4	4-Chlorotoluene	2680	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD200

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746508 Lab File ID: 46508D.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1017

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2680	U
98-06-6	tert-Butylbenzene	2680	U
95-63-6	1,2,4-Trimethylbenzene	2680	U
135-98-8	sec-Butylbenzene	2680	U
541-73-1	1,3-Dichlorobenzene	2680	U
106-46-7	1,4-Dichlorobenzene	2680	U
99-87-6	4-Isopropyltoluene	2680	U
104-51-8	n-Butylbenzene	2680	U
95-50-1	1,2-Dichlorobenzene	2680	U
96-12-8	1,2-Dibromo-3-chloropropane	13400	U
120-82-1	1,2,4-Trichlorobenzene	2680	U
87-68-3	Hexachlorobutadiene	4030	U
91-20-3	Naphthalene	2680	U
87-61-6	1,2,3-Trichlorobenzene	2680	U
1634-04-4	MTBE	2680	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD188

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746509 Lab File ID: 46509.D

Sample wt/vol: 1.62 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2305

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	617	U
74-87-3	Chloromethane	617	U
75-01-4	Vinyl chloride	617	U
74-83-9	Bromomethane	617	U
75-00-3	Chloroethane	1540	U
75-69-4	Trichlorofluoromethane	617	U
75-35-4	1,1-Dichloroethene	617	U
107-02-8	Acrolein	7720	U
74-88-4	Methyl iodide	617	U
75-15-0	Carbon disulfide	617	U
75-09-2	Methylene chloride	1540	U
156-60-5	trans-1,2-Dichloroethene	617	U
107-13-1	Acrylonitrile	1540	U
75-34-3	1,1-Dichloroethane	617	U
67-64-1	Acetone	3090	U
594-20-7	2,2-Dichloropropane	617	U
156-59-2	cis-1,2-Dichloroethene	617	U
74-97-5	Bromochloromethane	617	U
78-93-3	2-Butanone	3090	U
67-66-3	Chloroform	617	U
71-55-6	1,1,1-Trichloroethane	617	U
56-23-5	Carbon tetrachloride	617	U
563-58-6	1,1-Dichloropropene	617	U
71-43-2	Benzene	617	U
107-06-2	1,2-Dichloroethane	617	U
79-01-6	Trichloroethene	617	U
108-05-4	Vinyl acetate	1230	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD188

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746509 Lab File ID: 46509.D

Sample wt/vol: 1.62 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2305

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	617	U
74-95-3	Dibromomethane	617	U
75-27-4	Bromodichloromethane	617	U
10061-01-5	cis-1,3-Dichloropropene	617	U
108-10-1	4-Methyl-2-pentanone	1230	U
108-88-3	Toluene	617	U
10061-02-6	trans-1,3-Dichloropropene	617	U
79-00-5	1,1,2-Trichloroethane	617	U
127-18-4	Tetrachloroethene	1540	U
142-28-9	1,3-Dichloropropane	617	U
591-78-6	2-Hexanone	1230	U
124-48-1	Dibromochloromethane	617	U
106-93-4	1,2-Dibromoethane(EDB)	617	U
108-90-7	Chlorobenzene	617	U
630-20-6	1,1,1,2-Tetrachloroethane	617	U
100-41-4	Ethylbenzene	617	U
511-39-00	p,m-Xylene	1230	U
95-47-6	o-Xylene	617	U
100-42-5	Styrene	617	U
75-25-2	Bromoform	1540	U
98-82-8	Isopropylbenzene (Cumene)	617	U
108-86-1	Bromobenzene	617	U
79-34-5	1,1,2,2-Tetrachloroethane	617	U
96-18-4	1,2,3-Trichloropropane	617	U
103-65-1	n-Propylbenzene	617	U
95-49-8	2-Chlorotoluene	617	U
106-43-4	4-Chlorotoluene	617	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD188

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746509 Lab File ID: 46509.D

Sample wt/vol: 1.62 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2305

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	617	U
98-06-6	tert-Butylbenzene	617	U
95-63-6	1,2,4-Trimethylbenzene	617	U
135-98-8	sec-Butylbenzene	617	U
541-73-1	1,3-Dichlorobenzene	617	U
106-46-7	1,4-Dichlorobenzene	617	U
99-87-6	4-Isopropyltoluene	617	U
104-51-8	n-Butylbenzene	617	U
95-50-1	1,2-Dichlorobenzene	617	U
96-12-8	1,2-Dibromo-3-chloropropane	3090	U
120-82-1	1,2,4-Trichlorobenzene	617	U
87-68-3	Hexachlorobutadiene	926	U
91-20-3	Naphthalene	617	U
87-61-6	1,2,3-Trichlorobenzene	617	U
1634-04-4	MTBE	617	U

QC Summary

120907 1414

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 090507BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0848

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 090507BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0848

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 090507BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0848

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA24

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 090507BLKA24 Lab File ID: BLK24.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2211

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA24

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 090507BLKA24 Lab File ID: BLK24.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2211

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA24

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 090507BLKA24 Lab File ID: BLK24.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2211

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090507LCSA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1950	97.5		30.0	45 - 128
Chloromethane	2000	1780	89.0		30.0	70 - 130
Vinyl chloride	2000	1730	86.5		30.0	70 - 130
Bromomethane	2000	1980	99.0		30.0	39 - 148
Chloroethane	2000	1970	98.5		30.0	55 - 139
Trichlorofluoromethane	2000	2100	105.0		30.0	70 - 130
1,1-Dichloroethene	2000	1940	97.0		30.0	70 - 130
Acrolein	6000	6140	102.0		30.0	69 - 130
Methyl iodide	2000	1980	99.0		30.0	55 - 133
Carbon disulfide	2000	2060	103.0		30.0	65 - 130
Methylene chloride	2000	2140	107.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2050	102.0		30.0	70 - 130
Acrylonitrile	6000	5850	97.5		30.0	70 - 130
1,1-Dichloroethane	2000	2060	103.0		30.0	70 - 130
Acetone	6000	5760	96.0		30.0	58 - 133
2,2-Dichloropropane	2000	2130	106.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	1960	98.0		30.0	70 - 130
Bromochloromethane	2000	2080	104.0		30.0	70 - 130
2-Butanone	6000	5440	90.7		30.0	70 - 130
Chloroform	2000	2050	102.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1900	95.0		30.0	70 - 130
Carbon tetrachloride	2000	1950	97.5		30.0	70 - 130
1,1-Dichloropropene	2000	1990	99.5		30.0	70 - 130
Benzene	2000	1980	99.0		30.0	70 - 130
1,2-Dichloroethane	2000	2140	107.0		30.0	70 - 130
Trichloroethene	2000	2070	104.0		30.0	70 - 130
Vinyl acetate	2000	2060	103.0		30.0	70 - 130
1,2-Dichloropropane	2000	2060	103.0		30.0	70 - 130
Dibromomethane	2000	2110	106.0		30.0	70 - 130
Bromodichloromethane	2000	2150	108.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2150	108.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5730	95.5		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1414

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090507LCSA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	1970	98.5		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2140	107.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2120	106.0		30.0	70 - 130
Tetrachloroethene	2000	2200	110.0		30.0	70 - 130
1,3-Dichloropropane	2000	2010	100.0		30.0	70 - 130
2-Hexanone	6000	5530	92.2		30.0	70 - 130
Dibromochloromethane	2000	1980	99.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1940	97.0		30.0	70 - 130
Chlorobenzene	2000	1950	97.5		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2180	109.0		30.0	70 - 130
Ethylbenzene	2000	1920	96.0		30.0	70 - 130
p,m-Xylene	4000	3940	98.5		30.0	70 - 130
o-Xylene	2000	1980	99.0		30.0	70 - 130
Styrene	2000	2030	102.0		30.0	70 - 130
Bromoform	2000	1970	98.5		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1990	99.5		30.0	70 - 130
Bromobenzene	2000	1980	99.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1940	97.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2250	112.0		30.0	70 - 130
n-Propylbenzene	2000	1950	97.5		30.0	70 - 130
2-Chlorotoluene	2000	2010	100.0		30.0	70 - 130
4-Chlorotoluene	2000	2080	104.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2060	103.0		30.0	70 - 130
tert-Butylbenzene	2000	2000	100.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2020	101.0		30.0	70 - 130
sec-Butylbenzene	2000	2040	102.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2010	100.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1990	99.5		30.0	70 - 130
4-Isopropyltoluene	2000	2070	104.0		30.0	70 - 130
n-Butylbenzene	2000	2020	101.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	1950	97.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2080	104.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1414

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090507LCSA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	2050	102.0		30.0	65 - 130
Hexachlorobutadiene	2000	1890	94.5		30.0	70 - 130
Naphthalene	2000	1950	97.5		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2110	106.0		30.0	70 - 130
MTBE	2000	2160	108.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1414

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090507LCSA24

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1930	96.5		30.0	45 - 128
Chloromethane	2000	2380	119.0		30.0	70 - 130
Vinyl chloride	2000	1860	93.0		30.0	70 - 130
Bromomethane	2000	2160	108.0		30.0	39 - 148
Chloroethane	2000	2030	102.0		30.0	55 - 139
Trichlorofluoromethane	2000	2190	110.0		30.0	70 - 130
1,1-Dichloroethene	2000	2000	100.0		30.0	70 - 130
Acrolein	6000	3790	63.2 *		30.0	69 - 130
Methyl iodide	2000	2220	111.0		30.0	55 - 133
Carbon disulfide	2000	2060	103.0		30.0	65 - 130
Methylene chloride	2000	2220	111.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2110	106.0		30.0	70 - 130
Acrylonitrile	6000	6580	110.0		30.0	70 - 130
1,1-Dichloroethane	2000	2040	102.0		30.0	70 - 130
Acetone	6000	7110	118.0		30.0	58 - 133
2,2-Dichloropropane	2000	1810	90.5		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2080	104.0		30.0	70 - 130
Bromochloromethane	2000	2180	109.0		30.0	70 - 130
2-Butanone	6000	6450	108.0		30.0	70 - 130
Chloroform	2000	2140	107.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2000	100.0		30.0	70 - 130
Carbon tetrachloride	2000	1870	93.5		30.0	70 - 130
1,1-Dichloropropene	2000	2070	104.0		30.0	70 - 130
Benzene	2000	2050	102.0		30.0	70 - 130
1,2-Dichloroethane	2000	2190	110.0		30.0	70 - 130
Trichloroethene	2000	2100	105.0		30.0	70 - 130
Vinyl acetate	2000	2070	104.0		30.0	70 - 130
1,2-Dichloropropane	2000	2140	107.0		30.0	70 - 130
Dibromomethane	2000	2210	110.0		30.0	70 - 130
Bromodichloromethane	2000	2140	107.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2100	105.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6550	109.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1414

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090507LCSA24

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2110	106.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2150	108.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2190	110.0		30.0	70 - 130
Tetrachloroethene	2000	2230	112.0		30.0	70 - 130
1,3-Dichloropropane	2000	2090	104.0		30.0	70 - 130
2-Hexanone	6000	6570	110.0		30.0	70 - 130
Dibromochloromethane	2000	2050	102.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2120	106.0		30.0	70 - 130
Chlorobenzene	2000	2150	108.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1980	99.0		30.0	70 - 130
Ethylbenzene	2000	2030	102.0		30.0	70 - 130
p,m-Xylene	4000	4180	104.0		30.0	70 - 130
o-Xylene	2000	2100	105.0		30.0	70 - 130
Styrene	2000	2160	108.0		30.0	70 - 130
Bromoform	2000	2060	103.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2150	108.0		30.0	70 - 130
Bromobenzene	2000	2020	101.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2100	105.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2000	100.0		30.0	70 - 130
n-Propylbenzene	2000	2020	101.0		30.0	70 - 130
2-Chlorotoluene	2000	2070	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2140	107.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2110	106.0		30.0	70 - 130
tert-Butylbenzene	2000	2000	100.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2060	103.0		30.0	70 - 130
sec-Butylbenzene	2000	1970	98.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	2040	102.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	2050	102.0		30.0	70 - 130
4-Isopropyltoluene	2000	2010	100.0		30.0	70 - 130
n-Butylbenzene	2000	1980	99.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	1990	99.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2170	108.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1414

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090507LCSA24

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1970	98.5		30.0	65 - 130
Hexachlorobutadiene	2000	1930	96.5		30.0	70 - 130
Naphthalene	2000	2040	102.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2030	102.0		30.0	70 - 130
MTBE	2000	2320	116.0		30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1414

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090607LCSA21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1980	99.0		30.0	45 - 128
Chloromethane	2000	1880	94.0		30.0	70 - 130
Vinyl chloride	2000	1830	91.5		30.0	70 - 130
Bromomethane	2000	1890	94.5		30.0	39 - 148
Chloroethane	2000	1840	92.0		30.0	55 - 139
Trichlorofluoromethane	2000	2080	104.0		30.0	70 - 130
1,1-Dichloroethene	2000	1900	95.0		30.0	70 - 130
Acrolein	6000	5880	98.0		30.0	69 - 130
Methyl iodide	2000	1940	97.0		30.0	55 - 133
Carbon disulfide	2000	2420	121.0		30.0	65 - 130
Methylene chloride	2000	2010	100.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	1870	93.5		30.0	70 - 130
Acrylonitrile	6000	5990	99.8		30.0	70 - 130
1,1-Dichloroethane	2000	2010	100.0		30.0	70 - 130
Acetone	6000	5860	97.7		30.0	58 - 133
2,2-Dichloropropane	2000	2180	109.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2010	100.0		30.0	70 - 130
Bromochloromethane	2000	1980	99.0		30.0	70 - 130
2-Butanone	6000	5440	90.7		30.0	70 - 130
Chloroform	2000	2100	105.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1960	98.0		30.0	70 - 130
Carbon tetrachloride	2000	1930	96.5		30.0	70 - 130
1,1-Dichloropropene	2000	1900	95.0		30.0	70 - 130
Benzene	2000	1930	96.5		30.0	70 - 130
1,2-Dichloroethane	2000	2060	103.0		30.0	70 - 130
Trichloroethene	2000	2020	101.0		30.0	70 - 130
Vinyl acetate	2000	2070	104.0		30.0	70 - 130
1,2-Dichloropropane	2000	2030	102.0		30.0	70 - 130
Dibromomethane	2000	2020	101.0		30.0	70 - 130
Bromodichloromethane	2000	2010	100.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2080	104.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6010	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1414

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2020	101.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2030	102.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2030	102.0		30.0	70 - 130
Tetrachloroethene	2000	1950	97.5		30.0	70 - 130
1,3-Dichloropropane	2000	1910	95.5		30.0	70 - 130
2-Hexanone	6000	5350	89.2		30.0	70 - 130
Dibromochloromethane	2000	1970	98.5		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1980	99.0		30.0	70 - 130
Chlorobenzene	2000	1990	99.5		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2120	106.0		30.0	70 - 130
Ethylbenzene	2000	1900	95.0		30.0	70 - 130
p,m-Xylene	4000	3960	99.0		30.0	70 - 130
o-Xylene	2000	2020	101.0		30.0	70 - 130
Styrene	2000	2290	114.0		30.0	70 - 130
Bromoform	2000	1800	90.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2010	100.0		30.0	70 - 130
Bromobenzene	2000	2050	102.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1940	97.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2040	102.0		30.0	70 - 130
n-Propylbenzene	2000	1900	95.0		30.0	70 - 130
2-Chlorotoluene	2000	2070	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2090	104.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2120	106.0		30.0	70 - 130
tert-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2090	104.0		30.0	70 - 130
sec-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2040	102.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1970	98.5		30.0	70 - 130
4-Isopropyltoluene	2000	1980	99.0		30.0	70 - 130
n-Butylbenzene	2000	1990	99.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	2030	102.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2040	102.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1414

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1780	89.0		30.0	65 - 130
Hexachlorobutadiene	2000	1780	89.0		30.0	70 - 130
Naphthalene	2000	2000	100.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1950	97.5		30.0	70 - 130
MTBE	2000	2110	106.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1414

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

120907 1414

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

Sample NPPD210 had two layers prior to extraction. Both the top and bottom phase were extracted separately. The results are reported as samples NPPD210P1 (top phase) and NPPD210P2 (bottom phase).

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene.

B. Blanks:

All acceptance criteria were met.

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample 3383BLK was recovered above criteria for the following surrogate(s): Phenol-d5 at 120 % with criteria of (24-113).

Sample 3383LCS was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 117 % with criteria of (30-115), Phenol-d5 at 120 % with criteria of (24-113).

Sample NPPD188 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 128 % with criteria of (30-115).

Sample NPPD189 was recovered above criteria for the following surrogate(s): Phenol-d5 at 114 % with criteria of (24-113).

Sample NPPD190 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 129 % with criteria of (30-115).

Sample NPPD193 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 127 % with criteria of (30-115).

Sample NPPD195 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 138 % with criteria of (30-115), 2-Fluorophenol at 126 % with criteria of (25-121), Nitrobenzene-d5 at 123 % with criteria of (23-120).

Sample NPPD196 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 130 % with criteria of (30-115).

Sample NPPD200 was recovered above criteria for the following surrogate(s): Nitrobenzene-d5 at 129 % with criteria of (23-120).

Sample NPPD210P2 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 126 % with criteria of (30-115), Phenol-d5 at 121 % with criteria of (24-113).

Sample NPPD211 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 125 % with criteria of (30-115), Phenol-d5 at 120 % with criteria of (24-113).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPPD190

D. Spikes:

1. Laboratory Control Spikes (LCS)

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

All acceptance criteria were met with the exception of:
LCS 3383LCS was analyzed with the soil samples extracted on 08/30/07. The following analyte(s) were recovered below criteria: Aniline at 0 % with criteria of (47-140), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), and the following analyte(s) were recovered above criteria: 2,2-Oxybis(1-chloropropane) at 118 % with criteria of (52-115), 2,4,5-Trichlorophenol at 114 % with criteria of (61-110), 2,4,6-Trichlorophenol at 111 % with criteria of (62-110), 2,4-Dinitrotoluene at 116 % with criteria of (77-115), 2-Chlorophenol at 109 % with criteria of (54-105), 2-Nitrophenol at 118 % with criteria of (61-110), 4-Bromophenyl-phenylether at 116 % with criteria of (59-115), Benzo(a)anthracene at 114 % with criteria of (67-110), Benzo(a)pyrene at 114 % with criteria of (60-110), Bis(2-Chloroethyl)ether at 110 % with criteria of (61-105), Chrysene at 114 % with criteria of (65-110), Diethylphthalate at 118 % with criteria of (68-115), Hexachloroethane at 113 % with criteria of (65-110), Isophorone at 116 % with criteria of (69-110), N-Nitrosodimethylamine at 122 % with criteria of (48-115), N-Nitroso-di-n-propylamine at 124 % with criteria of (59-115). The following analyte(s) had marginal exceedance limit failures: 1,2,4-Trichlorobenzene at 119 % with criteria of (64.5-116.5), 1,2-Dichlorobenzene at 124 % with criteria of (60-100), 1,3-Dichlorobenzene at 123 % with criteria of (61.5-105.5), 1,4-Dichlorobenzene at 122 % with criteria of (54.8-112.2), 2,4-Dichlorophenol at 119 % with criteria of (56.3-117.7), 2,4-Dimethylphenol at 128 % with criteria of (58.3-111.7), 2-Chloronaphthalene at 120 % with criteria of (66.5-110.5), 2-Methyl-4,6-dinitrophenol at 170 % with criteria of (17.2-151.8), 2-Methylnaphthalene at 126 % with criteria of (66.5-110.5), 2-Methylphenol (o-Cresol) at 128 % with criteria of (50.2-112.8), 3,3'-Dichlorobenzidine at 204 % with criteria of (26.2-144.8), 4-Chlorophenyl-phenylether at 120 % with criteria of (57.5-117.5), 4-Methylphenol at 123 % with criteria of (49-113), Acenaphthene at 118 % with criteria of (57.5-117.5), Acenaphthylene at 116 % with criteria of (59.5-111.5), Aniline at 0 % with criteria of (31.5-155.5), Anthracene at 118 % with criteria of (60.7-111.3), Benzyl alcohol at 0 % with criteria of (53.8-135.2), Dibenzofuran at 121 % with criteria of (70-110), Dimethyl-phthalate at 119 % with criteria of (62.2-116.8), Di-n-butylphthalate at 122 % with criteria of (59.8-117.2), Fluoranthene at 122 % with criteria of (67.2-121.8), Fluorene at 120 % with criteria of (59.8-117.2), Naphthalene at 122 % with criteria of (60.7-111.3), N-Nitrosodiphenylamine at 134 % with criteria of (70.7-121.3), Pentachlorophenol at 159 % with criteria of (22-134), Phenanthrene at 119 % with criteria of (59.8-117.2), Phenol at 135 % with criteria of (37-109).

Samples coded accordingly.

The recoveries are directly related to the final volume adjustment of 10 mL for the LCS to demonstrate recoveries that would be found in the samples.

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
The following samples were analyzed at a 1:10 dilution due to non-target analyte interference.
Sample NPPD188
Sample NPPD189
Sample NPPD190
Sample NPPD193
Sample NPPD195
Sample NPPD196
Sample NPPD200
Sample NPPD210P1
Sample NPPD210P2
Sample NPPD211

All samples were only brought to a final volume of 10mL due to the nature of the samples.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/10/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Method: 8270

EPA Sample No	Lab Sample ID
NPPD210P1	250746501P1
NPPD210P2	250746501P2
NPPD211	250746502
NPPD196	250746503
NPPD190	250746504
NPPD195	250746505
NPPD193	250746506
NPPD189	250746507
NPPD200	250746508
NPPD188	250746509

120907 1414

Sample Data

120907 1414

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD210P1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501P1 Lab File ID: 465-01TDT.D

Sample wt/vol: 1.11 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0153

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	361000	U
62-53-3	Aniline	361000	U
111-44-4	Bis(2-Chloroethyl)ether	361000	U
108-95-2	Phenol	1800000	U
95-57-8	2-Chlorophenol	361000	U
541-73-1	1,3-Dichlorobenzene	361000	U
106-46-7	1,4-Dichlorobenzene	361000	U
95-50-1	1,2-Dichlorobenzene	361000	U
100-51-6	Benzyl alcohol	901000	U
108-60-1	2,2-Oxybis(1-chloropropane)	365000	U
95-48-7	2-Methylphenol (o-Cresol)	361000	U
67-72-1	Hexachloroethane	365000	U
621-64-7	N-Nitroso-di-n-propylamine	361000	U
106-44-5	4-Methylphenol	361000	U
98-95-3	Nitrobenzene	361000	U
78-59-1	Isophorone	361000	U
88-75-5	2-Nitrophenol	361000	U
105-67-9	2,4-Dimethylphenol	361000	U
65-85-0	Benzoic acid	1800000	U
111-91-1	Bis(2-Chloroethoxy)methane	361000	U
120-83-2	2,4-Dichlorophenol	361000	U
120-82-1	1,2,4-Trichlorobenzene	361000	U
91-20-3	Naphthalene	361000	U
106-47-8	4-Chloroaniline	361000	U
91-57-6	2-Methylnaphthalene	179000	J
87-68-3	Hexachlorobutadiene	361000	U
59-50-7	4-Chloro-3-methylphenol	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD210P1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501P1 Lab File ID: 465-01TDT.D

Sample wt/vol: 1.11 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0153

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	114000	J
77-47-4	Hexachlorocyclopentadiene	901000	U
88-06-2	2,4,6-Trichlorophenol	361000	U
95-95-4	2,4,5-Trichlorophenol	361000	U
91-58-7	2-Chloronaphthalene	365000	U
88-74-4	2-Nitroaniline	361000	U
208-96-8	Acenaphthylene	361000	U
131-11-3	Dimethyl-phthalate	361000	U
606-20-2	2,6-Dinitrotoluene	361000	U
83-32-9	Acenaphthene	361000	U
99-09-2	3-Nitroaniline	361000	U
51-28-5	2,4-Dinitrophenol	1810000	U
132-64-9	Dibenzofuran	361000	U
121-14-2	2,4-Dinitrotoluene	361000	U
100-02-7	4-Nitrophenol	901000	U
86-73-7	Fluorene	361000	U
7005-72-3	4-Chlorophenyl-phenylether	361000	U
84-66-2	Diethylphthalate	361000	U
100-01-6	4-Nitroaniline	361000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1800000	U
86-30-6	N-Nitrosodiphenylamine	361000	U
101-55-3	4-Bromophenyl-phenylether	361000	U
118-74-1	Hexachlorobenzene	361000	U
87-86-5	Pentachlorophenol	1800000	U
85-01-8	Phenanthrene	361000	U
120-12-7	Anthracene	361000	U
84-74-2	Di-n-butylphthalate	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD210P1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501P1 Lab File ID: 465-01TDT.D

Sample wt/vol: 1.11 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0153

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	361000	U
129-00-0	Pyrene	361000	U
92-87-5	Benzidine	905000	U
85-68-7	Butylbenzylphthalate	361000	U
91-94-1	3,3'-Dichlorobenzidine	361000	U
56-55-3	Benzo(a)anthracene	361000	U
218-01-9	Chrysene	361000	U
117-81-7	bis(2-ethylhexyl)phthalate	361000	U
117-84-0	Di-n-octylphthalate	361000	U
205-99-2	Benzo(b)fluoranthene	361000	U
207-08-9	Benzo(k)fluoranthene	361000	U
50-32-8	Benzo(a)pyrene	361000	U
193-39-5	Indeno(1,2,3-cd)pyrene	361000	U
53-70-3	Dibenz(a,h)anthracene	361000	U
191-24-2	Benzo(g,h,i)perylene	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD210P2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501P2 Lab File ID: 465-01BDT.D

Sample wt/vol: 1.29 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0225

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	310000	U
62-53-3	Aniline	310000	U
111-44-4	Bis(2-Chloroethyl)ether	310000	U
108-95-2	Phenol	1550000	U
95-57-8	2-Chlorophenol	310000	U
541-73-1	1,3-Dichlorobenzene	310000	U
106-46-7	1,4-Dichlorobenzene	310000	U
95-50-1	1,2-Dichlorobenzene	310000	U
100-51-6	Benzyl alcohol	776000	U
108-60-1	2,2-Oxybis(1-chloropropane)	314000	U
95-48-7	2-Methylphenol (o-Cresol)	310000	U
67-72-1	Hexachloroethane	314000	U
621-64-7	N-Nitroso-di-n-propylamine	310000	U
106-44-5	4-Methylphenol	310000	U
98-95-3	Nitrobenzene	310000	U
78-59-1	Isophorone	310000	U
88-75-5	2-Nitrophenol	310000	U
105-67-9	2,4-Dimethylphenol	310000	U
65-85-0	Benzoic acid	1550000	U
111-91-1	Bis(2-Chloroethoxy)methane	310000	U
120-83-2	2,4-Dichlorophenol	310000	U
120-82-1	1,2,4-Trichlorobenzene	310000	U
91-20-3	Naphthalene	310000	U
106-47-8	4-Chloroaniline	310000	U
91-57-6	2-Methylnaphthalene	310000	U
87-68-3	Hexachlorobutadiene	310000	U
59-50-7	4-Chloro-3-methylphenol	310000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD210P2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501P2 Lab File ID: 465-01BDT.D

Sample wt/vol: 1.29 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0225

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	310000	U
77-47-4	Hexachlorocyclopentadiene	776000	U
88-06-2	2,4,6-Trichlorophenol	310000	U
95-95-4	2,4,5-Trichlorophenol	310000	U
91-58-7	2-Chloronaphthalene	314000	U
88-74-4	2-Nitroaniline	310000	U
208-96-8	Acenaphthylene	310000	U
131-11-3	Dimethyl-phthalate	310000	U
606-20-2	2,6-Dinitrotoluene	310000	U
83-32-9	Acenaphthene	310000	U
99-09-2	3-Nitroaniline	310000	U
51-28-5	2,4-Dinitrophenol	1560000	U
132-64-9	Dibenzofuran	310000	U
121-14-2	2,4-Dinitrotoluene	310000	U
100-02-7	4-Nitrophenol	776000	U
86-73-7	Fluorene	310000	U
7005-72-3	4-Chlorophenyl-phenylether	310000	U
84-66-2	Diethylphthalate	310000	U
100-01-6	4-Nitroaniline	310000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1550000	U
86-30-6	N-Nitrosodiphenylamine	310000	U
101-55-3	4-Bromophenyl-phenylether	310000	U
118-74-1	Hexachlorobenzene	310000	U
87-86-5	Pentachlorophenol	1550000	U
85-01-8	Phenanthrene	310000	U
120-12-7	Anthracene	310000	U
84-74-2	Di-n-butylphthalate	310000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD210P2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501P2 Lab File ID: 465-01BDT.D

Sample wt/vol: 1.29 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0225

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	310000	U
129-00-0	Pyrene	310000	U
92-87-5	Benzidine	779000	U
85-68-7	Butylbenzylphthalate	310000	U
91-94-1	3,3'-Dichlorobenzidine	310000	U
56-55-3	Benzo(a)anthracene	310000	U
218-01-9	Chrysene	310000	U
117-81-7	bis(2-ethylhexyl)phthalate	310000	U
117-84-0	Di-n-octylphthalate	310000	U
205-99-2	Benzo(b)fluoranthene	310000	U
207-08-9	Benzo(k)fluoranthene	310000	U
50-32-8	Benzo(a)pyrene	310000	U
193-39-5	Indeno(1,2,3-cd)pyrene	310000	U
53-70-3	Dibenz(a,h)anthracene	310000	U
191-24-2	Benzo(g,h,i)perylene	310000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD211

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746502 Lab File ID: 465-02DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0257

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	1790000	U
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD211

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746502 Lab File ID: 465-02DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0257

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	358000	U
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD211

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746502 Lab File ID: 465-02DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0257

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD196

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746503 Lab File ID: 465-03DT.D

Sample wt/vol: 1.29 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0329

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	310000	U
62-53-3	Aniline	310000	U
111-44-4	Bis(2-Chloroethyl)ether	310000	U
108-95-2	Phenol	764000	J
95-57-8	2-Chlorophenol	310000	U
541-73-1	1,3-Dichlorobenzene	310000	U
106-46-7	1,4-Dichlorobenzene	310000	U
95-50-1	1,2-Dichlorobenzene	310000	U
100-51-6	Benzyl alcohol	776000	U
108-60-1	2,2-Oxybis(1-chloropropane)	314000	U
95-48-7	2-Methylphenol (o-Cresol)	310000	U
67-72-1	Hexachloroethane	314000	U
621-64-7	N-Nitroso-di-n-propylamine	310000	U
106-44-5	4-Methylphenol	59700	J
98-95-3	Nitrobenzene	310000	U
78-59-1	Isophorone	310000	U
88-75-5	2-Nitrophenol	310000	U
105-67-9	2,4-Dimethylphenol	310000	U
65-85-0	Benzoic acid	1550000	U
111-91-1	Bis(2-Chloroethoxy)methane	310000	U
120-83-2	2,4-Dichlorophenol	310000	U
120-82-1	1,2,4-Trichlorobenzene	310000	U
91-20-3	Naphthalene	310000	U
106-47-8	4-Chloroaniline	310000	U
91-57-6	2-Methylnaphthalene	310000	U
87-68-3	Hexachlorobutadiene	310000	U
59-50-7	4-Chloro-3-methylphenol	310000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD196

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746503 Lab File ID: 465-03DT.D

Sample wt/vol: 1.29 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0329

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	310000	U
77-47-4	Hexachlorocyclopentadiene	776000	U
88-06-2	2,4,6-Trichlorophenol	310000	U
95-95-4	2,4,5-Trichlorophenol	310000	U
91-58-7	2-Chloronaphthalene	314000	U
88-74-4	2-Nitroaniline	310000	U
208-96-8	Acenaphthylene	310000	U
131-11-3	Dimethyl-phthalate	310000	U
606-20-2	2,6-Dinitrotoluene	310000	U
83-32-9	Acenaphthene	310000	U
99-09-2	3-Nitroaniline	310000	U
51-28-5	2,4-Dinitrophenol	1560000	U
132-64-9	Dibenzofuran	310000	U
121-14-2	2,4-Dinitrotoluene	310000	U
100-02-7	4-Nitrophenol	776000	U
86-73-7	Fluorene	310000	U
7005-72-3	4-Chlorophenyl-phenylether	310000	U
84-66-2	Diethylphthalate	310000	U
100-01-6	4-Nitroaniline	310000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1550000	U
86-30-6	N-Nitrosodiphenylamine	310000	U
101-55-3	4-Bromophenyl-phenylether	310000	U
118-74-1	Hexachlorobenzene	310000	U
87-86-5	Pentachlorophenol	1550000	U
85-01-8	Phenanthrene	310000	U
120-12-7	Anthracene	310000	U
84-74-2	Di-n-butylphthalate	310000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD196

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746503 Lab File ID: 465-03DT.D

Sample wt/vol: 1.29 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0329

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	310000	U
129-00-0	Pyrene	310000	U
92-87-5	Benzidine	779000	U
85-68-7	Butylbenzylphthalate	310000	U
91-94-1	3,3'-Dichlorobenzidine	310000	U
56-55-3	Benzo(a)anthracene	310000	U
218-01-9	Chrysene	310000	U
117-81-7	bis(2-ethylhexyl)phthalate	310000	U
117-84-0	Di-n-octylphthalate	310000	U
205-99-2	Benzo(b)fluoranthene	310000	U
207-08-9	Benzo(k)fluoranthene	310000	U
50-32-8	Benzo(a)pyrene	310000	U
193-39-5	Indeno(1,2,3-cd)pyrene	310000	U
53-70-3	Dibenz(a,h)anthracene	310000	U
191-24-2	Benzo(g,h,i)perylene	310000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD190

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746504 Lab File ID: 465-04DT.D

Sample wt/vol: 1.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0401

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	271000	U
62-53-3	Aniline	271000	U
111-44-4	Bis(2-Chloroethyl)ether	271000	U
108-95-2	Phenol	1350000	U
95-57-8	2-Chlorophenol	271000	U
541-73-1	1,3-Dichlorobenzene	271000	U
106-46-7	1,4-Dichlorobenzene	271000	U
95-50-1	1,2-Dichlorobenzene	271000	U
100-51-6	Benzyl alcohol	676000	U
108-60-1	2,2-Oxybis(1-chloropropane)	274000	U
95-48-7	2-Methylphenol (o-Cresol)	271000	U
67-72-1	Hexachloroethane	274000	U
621-64-7	N-Nitroso-di-n-propylamine	271000	U
106-44-5	4-Methylphenol	271000	U
98-95-3	Nitrobenzene	271000	U
78-59-1	Isophorone	271000	U
88-75-5	2-Nitrophenol	271000	U
105-67-9	2,4-Dimethylphenol	271000	U
65-85-0	Benzoic acid	1350000	U
111-91-1	Bis(2-Chloroethoxy)methane	271000	U
120-83-2	2,4-Dichlorophenol	271000	U
120-82-1	1,2,4-Trichlorobenzene	271000	U
91-20-3	Naphthalene	271000	U
106-47-8	4-Chloroaniline	271000	U
91-57-6	2-Methylnaphthalene	271000	U
87-68-3	Hexachlorobutadiene	271000	U
59-50-7	4-Chloro-3-methylphenol	271000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD190

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746504 Lab File ID: 465-04DT.D

Sample wt/vol: 1.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0401

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	271000	U
77-47-4	Hexachlorocyclopentadiene	676000	U
88-06-2	2,4,6-Trichlorophenol	271000	U
95-95-4	2,4,5-Trichlorophenol	271000	U
91-58-7	2-Chloronaphthalene	274000	U
88-74-4	2-Nitroaniline	271000	U
208-96-8	Acenaphthylene	271000	U
131-11-3	Dimethyl-phthalate	271000	U
606-20-2	2,6-Dinitrotoluene	271000	U
83-32-9	Acenaphthene	271000	U
99-09-2	3-Nitroaniline	271000	U
51-28-5	2,4-Dinitrophenol	1360000	U
132-64-9	Dibenzofuran	271000	U
121-14-2	2,4-Dinitrotoluene	271000	U
100-02-7	4-Nitrophenol	676000	U
86-73-7	Fluorene	271000	U
7005-72-3	4-Chlorophenyl-phenylether	271000	U
84-66-2	Diethylphthalate	271000	U
100-01-6	4-Nitroaniline	271000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1350000	U
86-30-6	N-Nitrosodiphenylamine	271000	U
101-55-3	4-Bromophenyl-phenylether	271000	U
118-74-1	Hexachlorobenzene	271000	U
87-86-5	Pentachlorophenol	1350000	U
85-01-8	Phenanthrene	271000	U
120-12-7	Anthracene	271000	U
84-74-2	Di-n-butylphthalate	271000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD190

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746504 Lab File ID: 465-04DT.D

Sample wt/vol: 1.48 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0401

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	271000	U
129-00-0	Pyrene	271000	U
92-87-5	Benzidine	679000	U
85-68-7	Butylbenzylphthalate	271000	U
91-94-1	3,3'-Dichlorobenzidine	271000	U
56-55-3	Benzo(a)anthracene	271000	U
218-01-9	Chrysene	271000	U
117-81-7	bis(2-ethylhexyl)phthalate	271000	U
117-84-0	Di-n-octylphthalate	271000	U
205-99-2	Benzo(b)fluoranthene	271000	U
207-08-9	Benzo(k)fluoranthene	271000	U
50-32-8	Benzo(a)pyrene	271000	U
193-39-5	Indeno(1,2,3-cd)pyrene	271000	U
53-70-3	Dibenz(a,h)anthracene	271000	U
191-24-2	Benzo(g,h,i)perylene	271000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD195

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505 Lab File ID: 465-05DT.D

Sample wt/vol: 1.27 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0433

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	315000	U
62-53-3	Aniline	315000	U
111-44-4	Bis(2-Chloroethyl)ether	315000	U
108-95-2	Phenol	1580000	U
95-57-8	2-Chlorophenol	315000	U
541-73-1	1,3-Dichlorobenzene	315000	U
106-46-7	1,4-Dichlorobenzene	315000	U
95-50-1	1,2-Dichlorobenzene	315000	U
100-51-6	Benzyl alcohol	788000	U
108-60-1	2,2-Oxybis(1-chloropropane)	319000	U
95-48-7	2-Methylphenol (o-Cresol)	315000	U
67-72-1	Hexachloroethane	319000	U
621-64-7	N-Nitroso-di-n-propylamine	315000	U
106-44-5	4-Methylphenol	315000	U
98-95-3	Nitrobenzene	315000	U
78-59-1	Isophorone	315000	U
88-75-5	2-Nitrophenol	315000	U
105-67-9	2,4-Dimethylphenol	315000	U
65-85-0	Benzoic acid	1580000	U
111-91-1	Bis(2-Chloroethoxy)methane	315000	U
120-83-2	2,4-Dichlorophenol	315000	U
120-82-1	1,2,4-Trichlorobenzene	315000	U
91-20-3	Naphthalene	315000	U
106-47-8	4-Chloroaniline	315000	U
91-57-6	2-Methylnaphthalene	315000	U
87-68-3	Hexachlorobutadiene	315000	U
59-50-7	4-Chloro-3-methylphenol	315000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD195

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505 Lab File ID: 465-05DT.D

Sample wt/vol: 1.27 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0433

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	315000	U
77-47-4	Hexachlorocyclopentadiene	788000	U
88-06-2	2,4,6-Trichlorophenol	315000	U
95-95-4	2,4,5-Trichlorophenol	315000	U
91-58-7	2-Chloronaphthalene	319000	U
88-74-4	2-Nitroaniline	315000	U
208-96-8	Acenaphthylene	315000	U
131-11-3	Dimethyl-phthalate	315000	U
606-20-2	2,6-Dinitrotoluene	315000	U
83-32-9	Acenaphthene	315000	U
99-09-2	3-Nitroaniline	315000	U
51-28-5	2,4-Dinitrophenol	1580000	U
132-64-9	Dibenzofuran	315000	U
121-14-2	2,4-Dinitrotoluene	315000	U
100-02-7	4-Nitrophenol	788000	U
86-73-7	Fluorene	315000	U
7005-72-3	4-Chlorophenyl-phenylether	315000	U
84-66-2	Diethylphthalate	315000	U
100-01-6	4-Nitroaniline	315000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1580000	U
86-30-6	N-Nitrosodiphenylamine	315000	U
101-55-3	4-Bromophenyl-phenylether	315000	U
118-74-1	Hexachlorobenzene	315000	U
87-86-5	Pentachlorophenol	1580000	U
85-01-8	Phenanthrene	315000	U
120-12-7	Anthracene	315000	U
84-74-2	Di-n-butylphthalate	315000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD195

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505 Lab File ID: 465-05DT.D

Sample wt/vol: 1.27 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0433

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	315000	U
129-00-0	Pyrene	315000	U
92-87-5	Benzidine	791000	U
85-68-7	Butylbenzylphthalate	315000	U
91-94-1	3,3'-Dichlorobenzidine	315000	U
56-55-3	Benzo(a)anthracene	315000	U
218-01-9	Chrysene	315000	U
117-81-7	bis(2-ethylhexyl)phthalate	315000	U
117-84-0	Di-n-octylphthalate	315000	U
205-99-2	Benzo(b)fluoranthene	315000	U
207-08-9	Benzo(k)fluoranthene	315000	U
50-32-8	Benzo(a)pyrene	315000	U
193-39-5	Indeno(1,2,3-cd)pyrene	315000	U
53-70-3	Dibenz(a,h)anthracene	315000	U
191-24-2	Benzo(g,h,i)perylene	315000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD193

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746506 Lab File ID: 465-06DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0505

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	334000	U
62-53-3	Aniline	334000	U
111-44-4	Bis(2-Chloroethyl)ether	334000	U
108-95-2	Phenol	1670000	U
95-57-8	2-Chlorophenol	334000	U
541-73-1	1,3-Dichlorobenzene	334000	U
106-46-7	1,4-Dichlorobenzene	334000	U
95-50-1	1,2-Dichlorobenzene	334000	U
100-51-6	Benzyl alcohol	834000	U
108-60-1	2,2-Oxybis(1-chloropropane)	338000	U
95-48-7	2-Methylphenol (o-Cresol)	334000	U
67-72-1	Hexachloroethane	338000	U
621-64-7	N-Nitroso-di-n-propylamine	334000	U
106-44-5	4-Methylphenol	334000	U
98-95-3	Nitrobenzene	334000	U
78-59-1	Isophorone	334000	U
88-75-5	2-Nitrophenol	334000	U
105-67-9	2,4-Dimethylphenol	334000	U
65-85-0	Benzoic acid	1670000	U
111-91-1	Bis(2-Chloroethoxy)methane	334000	U
120-83-2	2,4-Dichlorophenol	334000	U
120-82-1	1,2,4-Trichlorobenzene	334000	U
91-20-3	Naphthalene	334000	U
106-47-8	4-Chloroaniline	334000	U
91-57-6	2-Methylnaphthalene	334000	U
87-68-3	Hexachlorobutadiene	334000	U
59-50-7	4-Chloro-3-methylphenol	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD193

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746506 Lab File ID: 465-06DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0505

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	334000	U
77-47-4	Hexachlorocyclopentadiene	834000	U
88-06-2	2,4,6-Trichlorophenol	334000	U
95-95-4	2,4,5-Trichlorophenol	334000	U
91-58-7	2-Chloronaphthalene	338000	U
88-74-4	2-Nitroaniline	334000	U
208-96-8	Acenaphthylene	334000	U
131-11-3	Dimethyl-phthalate	334000	U
606-20-2	2,6-Dinitrotoluene	334000	U
83-32-9	Acenaphthene	334000	U
99-09-2	3-Nitroaniline	334000	U
51-28-5	2,4-Dinitrophenol	1680000	U
132-64-9	Dibenzofuran	334000	U
121-14-2	2,4-Dinitrotoluene	334000	U
100-02-7	4-Nitrophenol	834000	U
86-73-7	Fluorene	334000	U
7005-72-3	4-Chlorophenyl-phenylether	334000	U
84-66-2	Diethylphthalate	334000	U
100-01-6	4-Nitroaniline	334000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1670000	U
86-30-6	N-Nitrosodiphenylamine	334000	U
101-55-3	4-Bromophenyl-phenylether	334000	U
118-74-1	Hexachlorobenzene	334000	U
87-86-5	Pentachlorophenol	1670000	U
85-01-8	Phenanthrene	334000	U
120-12-7	Anthracene	334000	U
84-74-2	Di-n-butylphthalate	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD193

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746506 Lab File ID: 465-06DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0505

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	334000	U
129-00-0	Pyrene	334000	U
92-87-5	Benzidine	838000	U
85-68-7	Butylbenzylphthalate	334000	U
91-94-1	3,3'-Dichlorobenzidine	334000	U
56-55-3	Benzo(a)anthracene	334000	U
218-01-9	Chrysene	334000	U
117-81-7	bis(2-ethylhexyl)phthalate	334000	U
117-84-0	Di-n-octylphthalate	334000	U
205-99-2	Benzo(b)fluoranthene	334000	U
207-08-9	Benzo(k)fluoranthene	334000	U
50-32-8	Benzo(a)pyrene	334000	U
193-39-5	Indeno(1,2,3-cd)pyrene	334000	U
53-70-3	Dibenz(a,h)anthracene	334000	U
191-24-2	Benzo(g,h,i)perylene	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD189

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746507 Lab File ID: 465-07DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0537

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	334000	U
62-53-3	Aniline	334000	U
111-44-4	Bis(2-Chloroethyl)ether	334000	U
108-95-2	Phenol	1670000	U
95-57-8	2-Chlorophenol	334000	U
541-73-1	1,3-Dichlorobenzene	334000	U
106-46-7	1,4-Dichlorobenzene	334000	U
95-50-1	1,2-Dichlorobenzene	334000	U
100-51-6	Benzyl alcohol	834000	U
108-60-1	2,2-Oxybis(1-chloropropane)	338000	U
95-48-7	2-Methylphenol (o-Cresol)	334000	U
67-72-1	Hexachloroethane	338000	U
621-64-7	N-Nitroso-di-n-propylamine	334000	U
106-44-5	4-Methylphenol	334000	U
98-95-3	Nitrobenzene	334000	U
78-59-1	Isophorone	334000	U
88-75-5	2-Nitrophenol	334000	U
105-67-9	2,4-Dimethylphenol	334000	U
65-85-0	Benzoic acid	1670000	U
111-91-1	Bis(2-Chloroethoxy)methane	334000	U
120-83-2	2,4-Dichlorophenol	334000	U
120-82-1	1,2,4-Trichlorobenzene	334000	U
91-20-3	Naphthalene	334000	U
106-47-8	4-Chloroaniline	334000	U
91-57-6	2-Methylnaphthalene	334000	U
87-68-3	Hexachlorobutadiene	334000	U
59-50-7	4-Chloro-3-methylphenol	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD189

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746507 Lab File ID: 465-07DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0537

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	334000	U
77-47-4	Hexachlorocyclopentadiene	834000	U
88-06-2	2,4,6-Trichlorophenol	334000	U
95-95-4	2,4,5-Trichlorophenol	334000	U
91-58-7	2-Chloronaphthalene	338000	U
88-74-4	2-Nitroaniline	334000	U
208-96-8	Acenaphthylene	334000	U
131-11-3	Dimethyl-phthalate	334000	U
606-20-2	2,6-Dinitrotoluene	334000	U
83-32-9	Acenaphthene	334000	U
99-09-2	3-Nitroaniline	334000	U
51-28-5	2,4-Dinitrophenol	1680000	U
132-64-9	Dibenzofuran	334000	U
121-14-2	2,4-Dinitrotoluene	334000	U
100-02-7	4-Nitrophenol	834000	U
86-73-7	Fluorene	334000	U
7005-72-3	4-Chlorophenyl-phenylether	334000	U
84-66-2	Diethylphthalate	334000	U
100-01-6	4-Nitroaniline	334000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1670000	U
86-30-6	N-Nitrosodiphenylamine	334000	U
101-55-3	4-Bromophenyl-phenylether	334000	U
118-74-1	Hexachlorobenzene	334000	U
87-86-5	Pentachlorophenol	1670000	U
85-01-8	Phenanthrene	334000	U
120-12-7	Anthracene	334000	U
84-74-2	Di-n-butylphthalate	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD189

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746507 Lab File ID: 465-07DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0537

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	334000	U
129-00-0	Pyrene	334000	U
92-87-5	Benzidine	838000	U
85-68-7	Butylbenzylphthalate	334000	U
91-94-1	3,3'-Dichlorobenzidine	334000	U
56-55-3	Benzo(a)anthracene	334000	U
218-01-9	Chrysene	334000	U
117-81-7	bis(2-ethylhexyl)phthalate	334000	U
117-84-0	Di-n-octylphthalate	334000	U
205-99-2	Benzo(b)fluoranthene	334000	U
207-08-9	Benzo(k)fluoranthene	334000	U
50-32-8	Benzo(a)pyrene	334000	U
193-39-5	Indeno(1,2,3-cd)pyrene	334000	U
53-70-3	Dibenz(a,h)anthracene	334000	U
191-24-2	Benzo(g,h,i)perylene	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD200

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746508 Lab File ID: 465-08DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0609

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	328000	U
62-53-3	Aniline	328000	U
111-44-4	Bis(2-Chloroethyl)ether	328000	U
108-95-2	Phenol	1640000	U
95-57-8	2-Chlorophenol	328000	U
541-73-1	1,3-Dichlorobenzene	328000	U
106-46-7	1,4-Dichlorobenzene	328000	U
95-50-1	1,2-Dichlorobenzene	328000	U
100-51-6	Benzyl alcohol	820000	U
108-60-1	2,2-Oxybis(1-chloropropane)	332000	U
95-48-7	2-Methylphenol (o-Cresol)	328000	U
67-72-1	Hexachloroethane	332000	U
621-64-7	N-Nitroso-di-n-propylamine	328000	U
106-44-5	4-Methylphenol	328000	U
98-95-3	Nitrobenzene	328000	U
78-59-1	Isophorone	328000	U
88-75-5	2-Nitrophenol	328000	U
105-67-9	2,4-Dimethylphenol	328000	U
65-85-0	Benzoic acid	1640000	U
111-91-1	Bis(2-Chloroethoxy)methane	328000	U
120-83-2	2,4-Dichlorophenol	328000	U
120-82-1	1,2,4-Trichlorobenzene	328000	U
91-20-3	Naphthalene	328000	U
106-47-8	4-Chloroaniline	328000	U
91-57-6	2-Methylnaphthalene	328000	U
87-68-3	Hexachlorobutadiene	328000	U
59-50-7	4-Chloro-3-methylphenol	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD200

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746508 Lab File ID: 465-08DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0609

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	328000	U
77-47-4	Hexachlorocyclopentadiene	820000	U
88-06-2	2,4,6-Trichlorophenol	328000	U
95-95-4	2,4,5-Trichlorophenol	328000	U
91-58-7	2-Chloronaphthalene	332000	U
88-74-4	2-Nitroaniline	328000	U
208-96-8	Acenaphthylene	328000	U
131-11-3	Dimethyl-phthalate	328000	U
606-20-2	2,6-Dinitrotoluene	328000	U
83-32-9	Acenaphthene	328000	U
99-09-2	3-Nitroaniline	328000	U
51-28-5	2,4-Dinitrophenol	1650000	U
132-64-9	Dibenzofuran	328000	U
121-14-2	2,4-Dinitrotoluene	328000	U
100-02-7	4-Nitrophenol	820000	U
86-73-7	Fluorene	328000	U
7005-72-3	4-Chlorophenyl-phenylether	328000	U
84-66-2	Diethylphthalate	328000	U
100-01-6	4-Nitroaniline	328000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1640000	U
86-30-6	N-Nitrosodiphenylamine	328000	U
101-55-3	4-Bromophenyl-phenylether	328000	U
118-74-1	Hexachlorobenzene	328000	U
87-86-5	Pentachlorophenol	1640000	U
85-01-8	Phenanthrene	328000	U
120-12-7	Anthracene	328000	U
84-74-2	Di-n-butylphthalate	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD200

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746508 Lab File ID: 465-08DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0609

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	328000	U
129-00-0	Pyrene	328000	U
92-87-5	Benzidine	824000	U
85-68-7	Butylbenzylphthalate	328000	U
91-94-1	3,3'-Dichlorobenzidine	328000	U
56-55-3	Benzo(a)anthracene	328000	U
218-01-9	Chrysene	328000	U
117-81-7	bis(2-ethylhexyl)phthalate	161000	J
117-84-0	Di-n-octylphthalate	328000	U
205-99-2	Benzo(b)fluoranthene	328000	U
207-08-9	Benzo(k)fluoranthene	328000	U
50-32-8	Benzo(a)pyrene	328000	U
193-39-5	Indeno(1,2,3-cd)pyrene	328000	U
53-70-3	Dibenz(a,h)anthracene	328000	U
191-24-2	Benzo(g,h,i)perylene	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD188

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746509 Lab File ID: 465-09DT.D

Sample wt/vol: 1.39 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0641

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	288000	U
62-53-3	Aniline	288000	U
111-44-4	Bis(2-Chloroethyl)ether	288000	U
108-95-2	Phenol	1440000	U
95-57-8	2-Chlorophenol	288000	U
541-73-1	1,3-Dichlorobenzene	288000	U
106-46-7	1,4-Dichlorobenzene	288000	U
95-50-1	1,2-Dichlorobenzene	288000	U
100-51-6	Benzyl alcohol	720000	U
108-60-1	2,2-Oxybis(1-chloropropane)	291000	U
95-48-7	2-Methylphenol (o-Cresol)	288000	U
67-72-1	Hexachloroethane	291000	U
621-64-7	N-Nitroso-di-n-propylamine	288000	U
106-44-5	4-Methylphenol	288000	U
98-95-3	Nitrobenzene	288000	U
78-59-1	Isophorone	288000	U
88-75-5	2-Nitrophenol	288000	U
105-67-9	2,4-Dimethylphenol	288000	U
65-85-0	Benzoic acid	1440000	U
111-91-1	Bis(2-Chloroethoxy)methane	288000	U
120-83-2	2,4-Dichlorophenol	288000	U
120-82-1	1,2,4-Trichlorobenzene	288000	U
91-20-3	Naphthalene	288000	U
106-47-8	4-Chloroaniline	288000	U
91-57-6	2-Methylnaphthalene	288000	U
87-68-3	Hexachlorobutadiene	288000	U
59-50-7	4-Chloro-3-methylphenol	288000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD188

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746509 Lab File ID: 465-09DT.D

Sample wt/vol: 1.39 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0641

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	288000	U
77-47-4	Hexachlorocyclopentadiene	720000	U
88-06-2	2,4,6-Trichlorophenol	288000	U
95-95-4	2,4,5-Trichlorophenol	288000	U
91-58-7	2-Chloronaphthalene	291000	U
88-74-4	2-Nitroaniline	288000	U
208-96-8	Acenaphthylene	288000	U
131-11-3	Dimethyl-phthalate	288000	U
606-20-2	2,6-Dinitrotoluene	288000	U
83-32-9	Acenaphthene	288000	U
99-09-2	3-Nitroaniline	288000	U
51-28-5	2,4-Dinitrophenol	1450000	U
132-64-9	Dibenzofuran	288000	U
121-14-2	2,4-Dinitrotoluene	288000	U
100-02-7	4-Nitrophenol	720000	U
86-73-7	Fluorene	288000	U
7005-72-3	4-Chlorophenyl-phenylether	288000	U
84-66-2	Diethylphthalate	288000	U
100-01-6	4-Nitroaniline	288000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1440000	U
86-30-6	N-Nitrosodiphenylamine	288000	U
101-55-3	4-Bromophenyl-phenylether	288000	U
118-74-1	Hexachlorobenzene	288000	U
87-86-5	Pentachlorophenol	1440000	U
85-01-8	Phenanthrene	288000	U
120-12-7	Anthracene	288000	U
84-74-2	Di-n-butylphthalate	288000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD188

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746509 Lab File ID: 465-09DT.D

Sample wt/vol: 1.39 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 0641

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	288000	U
129-00-0	Pyrene	288000	U
92-87-5	Benzidine	723000	U
85-68-7	Butylbenzylphthalate	288000	U
91-94-1	3,3'-Dichlorobenzidine	288000	U
56-55-3	Benzo(a)anthracene	288000	U
218-01-9	Chrysene	288000	U
117-81-7	bis(2-ethylhexyl)phthalate	288000	U
117-84-0	Di-n-octylphthalate	288000	U
205-99-2	Benzo(b)fluoranthene	288000	U
207-08-9	Benzo(k)fluoranthene	288000	U
50-32-8	Benzo(a)pyrene	288000	U
193-39-5	Indeno(1,2,3-cd)pyrene	288000	U
53-70-3	Dibenz(a,h)anthracene	288000	U
191-24-2	Benzo(g,h,i)perylene	288000	U

QC Summary

120907 1414

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3383BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 248028 Lab File ID: 3383BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2030

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3383BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 248028 Lab File ID: 3383BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2030

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3383BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 248028 Lab File ID: 3383BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2030

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3383LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	40000	48600	122.0 *		30.0	48 - 115
Aniline	40000	0	0.0 *		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	43900	110.0 *		30.0	61 - 105
Phenol	40000	53900	135.0 *		23.0	46 - 100
2-Chlorophenol	40000	43700	109.0 *		24.0	54 - 105
1,3-Dichlorobenzene	40000	49100	123.0 *		26.0	67 - 100
1,4-Dichlorobenzene	40000	48900	122.0 *		27.0	62 - 105
1,2-Dichlorobenzene	40000	49800	124.0 *		30.0	65 - 95
Benzyl alcohol	40000	0	0.0 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	47300	118.0 *		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	51100	128.0 *		30.0	58 - 105
Hexachloroethane	40000	45200	113.0 *		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	49600	124.0 *		28.0	59 - 115
4-Methylphenol	40000	49300	123.0 *		26.0	57 - 105
Nitrobenzene	40000	42600	106.0		27.0	71 - 115
Isophorone	40000	46200	116.0 *		30.0	69 - 110
2-Nitrophenol	40000	47300	118.0 *		20.0	61 - 110
2,4-Dimethylphenol	40000	51200	128.0 *		30.0	65 - 105
Benzoic acid	80000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	40000	100.0		30.0	70 - 110
2,4-Dichlorophenol	40000	47500	119.0 *		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	47600	119.0 *		29.0	71 - 110
Naphthalene	40000	49000	122.0 *		23.0	67 - 105
4-Chloroaniline	40000	37000	92.5		30.0	57 - 95
2-Methylnaphthalene	40000	50300	126.0 *		22.0	72 - 105
Hexachlorobutadiene	40000	44000	110.0		27.0	79 - 115
4-Chloro-3-methylphenol	40000	45600	114.0		30.0	62 - 115
1-Methylnaphthalene	40000	51300	128.0		25.0	67 - 145
Hexachlorocyclopentadiene	40000	29300	73.2		44.0	34 - 139
2,4,6-Trichlorophenol	40000	44400	111.0 *		30.0	62 - 110
2,4,5-Trichlorophenol	40000	45600	114.0 *		29.0	61 - 110
2-Chloronaphthalene	40000	48100	120.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1414

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3383LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	42500	106.0		23.0	71 - 120
Acenaphthylene	40000	46400	116.0 *		21.0	66 - 105
Dimethyl-phthalate	40000	47700	119.0 *		30.0	69 - 110
2,6-Dinitrotoluene	40000	44200	110.0		30.0	73 - 110
Acenaphthene	40000	47400	118.0 *		28.0	65 - 110
3-Nitroaniline	40000	41200	103.0		30.0	76 - 110
2,4-Dinitrophenol	80000	100000	125.0		30.0	29 - 130
Dibenzofuran	40000	48300	121.0 *		28.0	75 - 105
2,4-Dinitrotoluene	40000	46600	116.0 *		29.0	77 - 115
4-Nitrophenol	40000	37400	93.5		30.0	52 - 140
Fluorene	40000	48100	120.0 *		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	47800	120.0 *		30.0	65 - 110
Diethylphthalate	40000	47200	118.0 *		28.0	68 - 115
4-Nitroaniline	40000	40800	102.0		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	68100	170.0 *		28.0	34 - 135
N-Nitrosodiphenylamine	40000	53600	134.0 *		23.0	77 - 115
4-Bromophenyl-phenylether	40000	46500	116.0 *		30.0	59 - 115
Hexachlorobenzene	40000	47700	119.0		28.0	77 - 120
Pentachlorophenol	40000	63500	159.0 *		30.0	36 - 120
Phenanthrene	40000	47500	119.0 *		25.0	67 - 110
Anthracene	40000	47200	118.0 *		19.0	67 - 105
Di-n-butylphthalate	40000	48600	122.0 *		29.0	67 - 110
Fluoranthene	40000	48600	122.0 *		21.0	74 - 115
Pyrene	40000	46600	116.0		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	47800	120.0		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	81400	204.0 *		30.0	41 - 130
Benzo(a)anthracene	40000	45600	114.0 *		29.0	67 - 110
Chrysene	40000	45600	114.0 *		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	48700	122.0		30.0	65 - 125
Di-n-octylphthalate	40000	48400	121.0		30.0	64 - 130
Benzo(b)fluoranthene	40000	45200	113.0		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

120907 1414

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3383LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	43000	108.0		28.0	53 - 125
Benzo(a)pyrene	40000	45600	114.0 *		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	42800	107.0		30.0	40 - 120
Dibenz(a,h)anthracene	40000	43700	109.0		30.0	40 - 125
Benzo(g,h,i)perylene	40000	45600	114.0		23.0	41 - 125

Spike Recovery: 46 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

GC/ECD PCB ORGANICS

METHOD 8082

120907 1414

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD189 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 149 % with criteria of (33-140).

Sample NPPD200 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 142 % with criteria of (33-140).

Since the surrogate recovery was above control limits and no target compounds were found in these samples, it can be assured that they would have been found had they been present so no further action was taken.

Samples coded accordingly.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.
Sample NPPD210 required a 1:10 dilution due to sample matrix interference.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/10/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Method: 8082

EPA Sample No	Lab Sample ID
NPPD210	250746501
NPPD211	250746502
NPPD196	250746503
NPPD190	250746504
NPPD195	250746505
NPPD193	250746506
NPPD189	250746507
NPPD200	250746508
NPPD188	250746509

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Sample Data

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD210

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501 Lab File ID: 465-1D10.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1310

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4400	U
11096-82-5	Aroclor-1260	4400	U
11104-28-2	Aroclor-1221	4400	U
11141-16-5	Aroclor-1232	4400	U
53469-21-9	Aroclor-1242	4400	U
12672-29-6	Aroclor-1248	4400	U
11097-69-1	Aroclor-1254	4400	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD211

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746502 Lab File ID: 465-02.D

Sample wt/vol: 1.08 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1341

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD196

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746503 Lab File ID: 465-03.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1413

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD190

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746504 Lab File ID: 465-04.D

Sample wt/vol: 1.08 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1444

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD195

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505 Lab File ID: 465-05.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1515

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD193

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746506 Lab File ID: 465-06.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1546

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD189

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746507 Lab File ID: 465-07.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1617

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD200

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746508 Lab File ID: 465-08.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1649

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD188

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746509 Lab File ID: 465-09.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1720

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	380	U
11096-82-5	Aroclor-1260	380	U
11104-28-2	Aroclor-1221	380	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U

QC Summary

120907 1414

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 386BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 248056 Lab File ID: 386BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/31/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1208

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

386LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	10000	100.0		21.0	40 - 140
Aroclor-1260	10000	9940	99.4		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

120907 1415

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 248346BLK was analyzed with the soil samples on 09/06/07. The following analyte(s) were detected below RL: Antimony at 0.312 MG/KG, Iron at 1.84 MG/KG.
Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

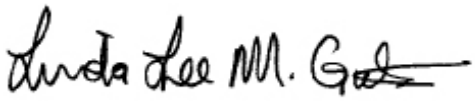
All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

Sample NPPD190 required a 1:25 dilution due to high concentration of the following analyte(s): Potassium.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **09/07/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507465

Client: T N & Associates, Inc.

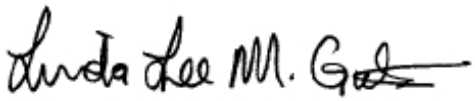
D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 09/07/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507465

SOW No.:

EPA Sample No	Lab Sample ID
NPPD210	250746501
NPPD211	250746502
NPPD196	250746503
NPPD190	250746504
NPPD190DL1	250746504DL1
NPPD195	250746505
NPPD193	250746506
NPPD189	250746507
NPPD200	250746508
NPPD188	250746509

Were ICP interelement corrections applied?	Yes/No	Yes
Were ICP background corrections applied?	Yes/No	Yes
If yes - were raw data generated before application of background corrections?	Yes/No	No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD210

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	0.432	B		P
7440-38-2	Arsenic	0.487	U		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0487	U		P
7440-70-2	Calcium	53.4			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0487	U		P
7440-50-8	Copper	0.311	B		P
7439-89-6	Iron	13			P
7439-92-1	Lead	1.14			P
7439-95-4	Magnesium	2.92	U		P
7439-96-5	Manganese	0.156	U		P
7439-97-6	Mercury	0.00274	B		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	4.87	U		P
7782-49-2	Selenium	0.487	U		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	9.75	U		P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD210

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746501

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	56.2			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD211

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746502

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.89	U		P
7440-36-0	Antimony	8.76			P
7440-38-2	Arsenic	0.45	U		P
7440-39-3	Barium	0.916			P
7440-41-7	Beryllium	0.144	U		P
7440-43-9	Cadmium	0.045	U		P
7440-70-2	Calcium	5.82	B		P
7440-47-3	Chromium	0.144	U		P
7440-48-4	Cobalt	0.045	U		P
7440-50-8	Copper	0.361	B		P
7439-89-6	Iron	100			P
7439-92-1	Lead	0.306	U		P
7439-95-4	Magnesium	2.7	U		P
7439-96-5	Manganese	0.749			P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.144	U		P
7440-09-7	Potassium	124			P
7782-49-2	Selenium	0.45	U		P
7440-22-4	Silver	0.144	U		P
7440-23-5	Sodium	21.9	B		P
7440-28-0	Thallium	0.297	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD211

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746502

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.144	U		P
7440-66-6	Zinc	4.03			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD196

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746503

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.96	U		P
7440-36-0	Antimony	8.81			P
7440-38-2	Arsenic	0.509	B		P
7440-39-3	Barium	0.255	B		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.0467	U		P
7440-70-2	Calcium	234			P
7440-47-3	Chromium	0.15	U		P
7440-48-4	Cobalt	0.0467	U		P
7440-50-8	Copper	0.15	U		P
7439-89-6	Iron	1990			P
7439-92-1	Lead	0.318	U		P
7439-95-4	Magnesium	63.4			P
7439-96-5	Manganese	32.5			P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.15	U		P
7440-09-7	Potassium	132			P
7782-49-2	Selenium	1.89			P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	14200			P
7440-28-0	Thallium	0.308	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD196

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746503

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.15	U		P
7440-66-6	Zinc	1.04			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD190

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746504

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.14	U		P
7440-36-0	Antimony	0.125	U		P
7440-38-2	Arsenic	0.273	U		P
7440-39-3	Barium	0.0872	U		P
7440-41-7	Beryllium	0.0872	U		P
7440-43-9	Cadmium	0.0273	U		P
7440-70-2	Calcium	2.04	B		P
7440-47-3	Chromium	0.0872	U		P
7440-48-4	Cobalt	0.0273	U		P
7440-50-8	Copper	0.156	B		P
7439-89-6	Iron	1.24	B		P
7439-92-1	Lead	0.185	U		P
7439-95-4	Magnesium	1.64	U		P
7439-96-5	Manganese	0.0872	U		P
7439-97-6	Mercury	0.0104	B		CV
7440-02-0	Nickel	0.0872	U		P
7782-49-2	Selenium	0.273	U		P
7440-22-4	Silver	0.0872	U		P
7440-23-5	Sodium	913			P
7440-28-0	Thallium	0.18	U		P
7440-62-2	Vanadium	0.0872	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD190

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746504

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.18	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD190DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746504DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-09-7	Potassium	312000			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD195

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	7.57	B		P
7440-36-0	Antimony	0.771	B		P
7440-38-2	Arsenic	0.455	U		P
7440-39-3	Barium	0.146	U		P
7440-41-7	Beryllium	0.146	U		P
7440-43-9	Cadmium	0.0455	U		P
7440-70-2	Calcium	8.25	B		P
7440-47-3	Chromium	2.56			P
7440-48-4	Cobalt	0.0455	U		P
7440-50-8	Copper	4.17			P
7439-89-6	Iron	4560			P
7439-92-1	Lead	0.728			P
7439-95-4	Magnesium	2.73	U		P
7439-96-5	Manganese	15.6			P
7439-97-6	Mercury	0.0125	B		CV
7440-02-0	Nickel	1.25			P
7440-09-7	Potassium	176			P
7782-49-2	Selenium	0.646	B		P
7440-22-4	Silver	0.146	U		P
7440-23-5	Sodium	23.2	B		P
7440-28-0	Thallium	0.3	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD195

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746505

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.204	B		P
7440-66-6	Zinc	2.6			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD193

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746506

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2	U		P
7440-36-0	Antimony	0.219	U		P
7440-38-2	Arsenic	0.477	U		P
7440-39-3	Barium	0.153	U		P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.0477	U		P
7440-70-2	Calcium	3.15	U		P
7440-47-3	Chromium	0.153	U		P
7440-48-4	Cobalt	0.0477	U		P
7440-50-8	Copper	0.153	U		P
7439-89-6	Iron	217			P
7439-92-1	Lead	0.324	U		P
7439-95-4	Magnesium	2.86	U		P
7439-96-5	Manganese	0.602			P
7439-97-6	Mercury	0.00207	U		CV
7440-02-0	Nickel	0.153	U		P
7440-09-7	Potassium	91.7			P
7782-49-2	Selenium	0.477	U		P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	9.54	U		P
7440-28-0	Thallium	0.315	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD193

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746506

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.153	U		P
7440-66-6	Zinc	0.315	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD189

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746507

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	0.227	U		P
7440-38-2	Arsenic	0.513	B		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0494	U		P
7440-70-2	Calcium	4.26	B		P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0494	U		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	0.593	U		P
7439-92-1	Lead	0.336	U		P
7439-95-4	Magnesium	2.96	U		P
7439-96-5	Manganese	0.158	U		P
7439-97-6	Mercury	0.00204	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	55.7			P
7782-49-2	Selenium	2.06			P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	112			P
7440-28-0	Thallium	0.326	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1415

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD189

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746507

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	0.502	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1415

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD200

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746508

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	0.223	U		P
7440-38-2	Arsenic	0.625	B		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0485	U		P
7440-70-2	Calcium	3.2	U		P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0485	U		P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	1.12	B		P
7439-92-1	Lead	0.33	U		P
7439-95-4	Magnesium	2.91	U		P
7439-96-5	Manganese	0.155	U		P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	28.9	B		P
7782-49-2	Selenium	3.21			P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	181			P
7440-28-0	Thallium	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1415

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD200

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746508

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	0.449	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1415

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD188

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746509

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	2.54			P
7440-38-2	Arsenic	1.25			P
7440-39-3	Barium	0.192	B		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0483	U		P
7440-70-2	Calcium	10.8			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0483	U		P
7440-50-8	Copper	0.217	B		P
7439-89-6	Iron	5.17			P
7439-92-1	Lead	0.328	U		P
7439-95-4	Magnesium	2.9	U		P
7439-96-5	Manganese	0.154	U		P
7439-97-6	Mercury	0.00204	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	65.8			P
7782-49-2	Selenium	0.926	B		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	16400			P
7440-28-0	Thallium	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1415

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD188

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Lab Sample ID: 250746509

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

120907 1415

QC Summary

120907 1415

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

248212LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.354		0.355		0.3		CV

Comments:

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6

DUPLICATES

EPA Sample No.

248348LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4760		4690		1.5		P
Antimony	20	48.3		48.4		0.2		P
Arsenic	20	47.3		46.3		2.1		P
Barium	20	140		139		0.7		P
Beryllium	20	49		48.3		1.4		P
Cadmium	20	47		46.8		0.4		P
Calcium	20	4660		4590		1.5		P
Chromium	20	48.8		48.4		0.8		P
Cobalt	20	46.4		46.2		0.4		P
Copper	20	49.1		48.8		0.6		P
Iron	20	4960		4890		1.4		P
Lead	20	48.6		48.1		1.0		P
Magnesium	20	4440		4370		1.6		P
Manganese	20	49.1		48.3		1.6		P
Nickel	20	47.4		47.1		0.6		P
Potassium	20	4750		4700		1.1		P
Selenium	20	46		46.2		0.4		P
Silver	20	19.6		19.5		0.5		P
Sodium	20	4790		4720		1.5		P
Thallium	20	46.7		46.6		0.2		P
Vanadium	20	49.9		49.6		0.6		P
Zinc	20	47		46.8		0.4		P

Comments:

120907 1415

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248212LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Solid LCS Source: MET-61501

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.354		80	120	118.0

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248212LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Solid LCS Source: MET-61501

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.355		80	120	118.3

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248347LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	%R
Aluminum				5000	4760		80 - 120	95.2
Antimony				50	48.3		80 - 120	96.6
Arsenic				50	47.3		80 - 120	94.6
Barium				150	140		80 - 120	93.3
Beryllium				50	49		80 - 120	98.0
Cadmium				50	47		80 - 120	94.0
Calcium				5000	4660		80 - 120	93.2
Chromium				50	48.8		80 - 120	97.6
Cobalt				50	46.4		80 - 120	92.8
Copper				50	49.1		80 - 120	98.2
Iron				5000	4960		80 - 120	99.2
Lead				50	48.6		80 - 120	97.2
Magnesium				5000	4440		80 - 120	88.8
Manganese				50	49.1		80 - 120	98.2
Nickel				50	47.4		80 - 120	94.8
Potassium				5000	4750		80 - 120	95.0
Selenium				50	46		80 - 120	92.0
Silver				20	19.6		80 - 120	98.0
Sodium				5000	4790		80 - 120	95.8
Thallium				50	46.7		80 - 120	93.4
Vanadium				50	49.9		80 - 120	99.8
Zinc				50	47		80 - 120	94.0

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248348LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507465

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4690		80 - 120	93.8
Antimony				50	48.4		80 - 120	96.8
Arsenic				50	46.3		80 - 120	92.6
Barium				150	139		80 - 120	92.7
Beryllium				50	48.3		80 - 120	96.6
Cadmium				50	46.8		80 - 120	93.6
Calcium				5000	4590		80 - 120	91.8
Chromium				50	48.4		80 - 120	96.8
Cobalt				50	46.2		80 - 120	92.4
Copper				50	48.8		80 - 120	97.6
Iron				5000	4890		80 - 120	97.8
Lead				50	48.1		80 - 120	96.2
Magnesium				5000	4370		80 - 120	87.4
Manganese				50	48.3		80 - 120	96.6
Nickel				50	47.1		80 - 120	94.2
Potassium				5000	4700		80 - 120	94.0
Selenium				50	46.2		80 - 120	92.4
Silver				20	19.5		80 - 120	97.5
Sodium				5000	4720		80 - 120	94.4
Thallium				50	46.6		80 - 120	93.2
Vanadium				50	49.6		80 - 120	99.2
Zinc				50	46.8		80 - 120	93.6

120907 1415

Chain of Custody Documentation

120907 1415

Chain of Custody Record
Record/Work Request

2507465 FF

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Company: T N & Associates, Inc.
Address: 1220 Kennestone Circle, Marietta, GA
Phone: 678-355-5550 Fax: 678-355-5545

Project Name/Number: National Petroleum Packers/ 2005148-1089
Project Manager: Lou Von oldenburg
Purchase Order:

Page 3 of 3

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Print Names(s) / Affiliation: Lou Von Oldenburg
Sampler(s) Signature(s):

Preservatives (see codes)

Analyses Requested

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	6010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
19	NPPD210		1427		O	3	X	X	X	X	Waste	01
20	NPPD211		1430									02
21	NPPD196		1403									03
22	NPPD190		1512									04
23	NPPD195		1524									05
24	NPPD193		1530									06
25	NPPD189		1515									07
26	NPPD200		1521									08
27	NPPD188		1509									09
Shipment Method						27	← Total Number of Containers					

2507465

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/17/07	1100			
Additional Comments: Fax Only Standard TAT				8/17/07		dan IPR	8/28	1030

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
6 @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

160

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7879

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337879

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept/Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005/4K - 1087

3 To

Recipient's Name _____ Phone 813 247 9805

Company P&L LABS

Recipient's Address _____

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Address 4420 DEMOCRACY PARK RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7879

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 50 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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6

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7880

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337880

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference DeSoto - 007

3 To

Recipient's Name _____ Phone 913 247-2005

Company PEL LNDS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 4450 [illegible] POINT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7880

Recipient's Copy

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 30 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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FEDEX GROUND 1.800.GOFEDEX 1.800.463.3339

4

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fedex.com 1.800.GoFedEx 1.800.463.3339

RECIPIENT: PEEL HERE

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7868

1 From This portion can be removed for Recipient's records.

Date | FedEx Tracking Number 863034337868

Sender's Name TN & ASSOCIATES INC | Phone 678 353-3560

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR | Dept/Floor/Suite/Room

City MARIETTA | State GA | ZIP 30066-6045

2 Your Internal Billing Reference 2005148-1589

3 To

Recipient's Name | Phone 813 247 2805

Company PEL LABS

Recipient's Address | Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4030 HENDRICKS POINTE DR

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA | State FL | ZIP 33614

0366274374

8630 3433 7868

Recipient's Copy

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [x] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [x] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages: 1 | Total Weight: 1.0 | Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

519

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8

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7905

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337905

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2cg/48 ch9

3 To

Recipient's Name _____ Phone 813 247-2145

Company PEL LABS

Recipient's Address 4420 PENDOLA POINT RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address _____

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7905

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 50 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
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FedEx Express US Airbill

FedEx Tracking Number: 8630 3433 7857

0215

Recipient's Copy

fedex.com 1.800.GoFedEx 1.800.463.3339

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date | FedEx Tracking Number: 863034337857

Sender's Name: TN & ASSOCIATES INC | Phone: 678 355--5550

Company: T N & ASSOCIATES INC

Address: 1220 KENNESTONE CIR | Dept./Floor/Suite/Room:

City: MARIETTA | State: GA | ZIP: 30066-6045

2 Your Internal Billing Reference 20514-1089

3 To

Recipient's Name: | Phone: 812 247 2054

Company: PC LABS

Recipient's Address: | Dept./Floor/Suite/Room:

We cannot deliver to P.O. boxes or P.O. ZIP codes. 2494 PINE LN PO BOX 70

To request a package be held at a specific FedEx location, print FedEx address here.

City: JASPER | State: FL | ZIP: 32052

0366274374

8630 3433 7857

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
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- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages: 1 | Total Weight: 60 | Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
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FedEx Express **US Airbill**

FedEx Tracking Number **8630 3433 7890**

Form No. 0215 — **Recipient's Copy**

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date — FedEx Tracking Number 863034337890

Sender's Name TN & ASSOCIATES INC — Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR — Dept./Floor/Suite/Room

City MARIETTA — State GA — ZIP 30066-6045

2 Your Internal Billing Reference 2005/46 1069

3 To

Recipient's Name — Phone 813 247 2005

Company DFL LABS

Recipient's Address — Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes. 4430 PINSON VALLEY RD

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA — State FL — ZIP 33611

0366274374

8630 3433 7890

4a Express Package Service — *Packages up to 150 lbs.*

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

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- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
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- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

* Declared value limit $500.

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- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
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- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
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7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages 1 — Total Weight 02 — Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507465	**Req:**	83921
Client:	TN&A	**Project:**	National Petroleum Packers (WASTE
Level:	2	**Date Rec'd:**	8/28/07 10:30:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/07/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507465 **Profile Name:** Nat'l Petro. **Profile #:** 83921

MATRIX S

Sample #	Parameter	Relinquished	Received	Date	Time
01 - 09	7470 Mercury		BMD	082907	1020
01 - 09	7470 Mercury	N/A			
01 - 09	6010 Metals		BMD	082907	1020
01 - 09	6010 Metals	N/A			
01 - 09	8260 Volatile Organic Compounds		MS	8/29/07	12:00
01 - 09	8260 Volatile Organic Compounds		consuming		
01 - 09	8270 GCMS semivolatile		SL	8/30/07	12:00
01 - 09	8270 GCMS semivolatile	SL		8/30/07	20:00
01 - 09	8082 PCB		GG	8/31/07	630am
01 - 09	8082 PCB	GG		8/31/07	1pm

Additional:

Comments:

Addendum

120907 1415

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/28/07 10:30:00 AM

Date to be Reported: 9/18/07

Laboratory Submission Number/SDG: 2507465

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507465

Project: National Petroleum Packers

Samples: The submission consisted of 9 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

None.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 2

Total of: 45 analyses on 9 samples (including QC) *30-Aug-07*

Report/SDG #: 2507465

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD210	250746501		O	8/26/07 2:27:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD211	250746502		O	8/26/07 2:30:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD196	250746503		O	8/26/07 2:03:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507465

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD190	250746504		O	8/26/07 3:12:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD195	250746505		O	8/26/07 3:24:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD193	250746506		O	8/26/07 3:30:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507465

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD189	250746507		O	8/26/07 3:15:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD200	250746508		O	8/26/07 3:21:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD188	250746509		O	8/26/07 3:09:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

From: Darcy Weisman
Sent: Friday, September 07, 2007 11:16 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: TNA 2507465 8260 waste
Importance: High

Good morning.

-----Original Message-----
From: Lisa Pelo
Sent: Friday, September 07, 2007 11:13 AM
To: Project Managers
Subject: TNA 2507465 8260 waste
Importance: High

Please notify the project chemist of the following:

Sample NPPD195 required an additional 1:200 dilution due to a high concentration of Acetone. Both diluted runs will be reported.

Darcy Weisman

From: Darcy Weisman
Sent: Monday, September 10, 2007 4:25 PM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: 2507465 - 8082 TNA

Good afternoon.

-----Original Message-----
From: Brian Spann
Sent: Monday, September 10, 2007 4:09 PM
To: Project Managers
Subject: 2507465 - 8082 TNA

A. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD189 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 149 % with criteria of (33-140).

Sample NPPD200 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 142 % with criteria of (33-140).

Since the surrogate recovery was above control limits and no target compounds were found in these samples, it can be assured that they would have been found had they been present so no further action was taken.

Samples coded accordingly.

This e-mail is intended for the named addressee(s) and may contain information that is confidential and proprietary. If this information is received by anyone other than the named addressee(s), the recipient(s) should immediately notify the sender by e-mail and promptly delete the transmitted material. In no event shall this material be read, used, stored, or retained by anyone other than the named addressee(s) without the express written consent of the sender or the named addressee(s).

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/28/2007 10:30:00 AM
Date Reported:	9/13/2007
Laboratory Submission Number/SDG:	2507466
Project:	National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

Organics 12
METHOD 8260 GC/ MS VOLATILE ORGANICS 15
Sample Data 20
QC Summary 90
METHOD 8270 GC/ MS SEMI- VOLATILE ORGANICS 112
Sample Data 118
QC Summary 173
METHOD 8082 GC/ ECD PCB ORGANICS..... 180
Sample Data 185
QC Summary 204

Inorganics..... 207
METALS DATA PACKAGE TOTALS 210
Sample Data 216
QC Summary 260

Chain of Custody Documentation..... 267

Addendum 278

EXECUTIVE SUMMARY - Detection Highlights

2507466

SAMPLE ID: NPPD1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.662 B	0.984	MG/KG	SW6010B
Calcium	13.7	9.84	MG/KG	SW6010B
Copper	0.172 B	0.492	MG/KG	SW6010B
Iron	96.9	4.92	MG/KG	SW6010B
Manganese	1.12	0.492	MG/KG	SW6010B
Potassium	340	49.2	MG/KG	SW6010B
Sodium	120	29.5	MG/KG	SW6010B
1,3,5-Trimethylbenzene	288000	8060	UG/KG	SW8260B
4-Isopropyltoluene	254000	8060	UG/KG	SW8260B
Benzene	28800	8060	UG/KG	SW8260B
Ethylbenzene	290000	8060	UG/KG	SW8260B
Isopropylbenzene (Cume	165000	8060	UG/KG	SW8260B
Naphthalene	238000	8060	UG/KG	SW8260B
n-Propylbenzene	287000	8060	UG/KG	SW8260B
Toluene	234000	8060	UG/KG	SW8260B
1-Methylnaphthalene	353000 J	400000	UG/KG	SW8270C
2-Methylnaphthalene	498000	400000	UG/KG	SW8270C
Naphthalene	135000 J	400000	UG/KG	SW8270C
Phenanthrene	138000 J	400000	UG/KG	SW8270C
Pyrene	58600 J	400000	UG/KG	SW8270C

SAMPLE ID: NPPD136

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	244	0.962	MG/KG	SW6010B
Arsenic	8.37	0.962	MG/KG	SW6010B
Calcium	21.8	9.62	MG/KG	SW6010B
Chromium	0.253 B	0.481	MG/KG	SW6010B
Cobalt	6.26	0.481	MG/KG	SW6010B
Copper	0.652	0.481	MG/KG	SW6010B
Iron	1700	4.81	MG/KG	SW6010B
Manganese	5.22	0.481	MG/KG	SW6010B
Nickel	0.198 B	0.481	MG/KG	SW6010B
Potassium	1770	48.1	MG/KG	SW6010B
Selenium	1.75	0.962	MG/KG	SW6010B
Sodium	543	28.8	MG/KG	SW6010B
Zinc	2.19	0.962	MG/KG	SW6010B

130907 1335

EXECUTIVE SUMMARY - Detection Highlights

2507466

2-Butanone	2420 J	3680	UG/KG	SW8260B

SAMPLE ID: NPPD137

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.17 B	9.52	MG/KG	SW6010B
Antimony	251	0.952	MG/KG	SW6010B
Arsenic	1.35	0.952	MG/KG	SW6010B
Barium	0.308 B	0.476	MG/KG	SW6010B
Calcium	360	9.52	MG/KG	SW6010B
Chromium	1.39	0.476	MG/KG	SW6010B
Cobalt	0.688	0.476	MG/KG	SW6010B
Copper	0.891	0.476	MG/KG	SW6010B
Iron	7090	4.76	MG/KG	SW6010B
Magnesium	13.5	9.52	MG/KG	SW6010B
Manganese	33.8	0.476	MG/KG	SW6010B
Nickel	8.7	0.476	MG/KG	SW6010B
Potassium	518	47.6	MG/KG	SW6010B
Selenium	0.817 B	0.952	MG/KG	SW6010B
Sodium	8500	28.6	MG/KG	SW6010B
Zinc	10	0.952	MG/KG	SW6010B
Toluene	440 J	855	UG/KG	SW8260B

SAMPLE ID: NPPD137DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
p,m-Xylene	102000	6840	UG/KG	SW8260B

SAMPLE ID: NPPD142

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	3.7	0.963	MG/KG	SW6010B
Arsenic	1.12	0.963	MG/KG	SW6010B
Calcium	5.67 B	9.63	MG/KG	SW6010B
Chromium	5.93	0.482	MG/KG	SW6010B
Cobalt	0.282 B	0.482	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Copper	6.84	0.482	MG/KG	SW6010B
Iron	999	4.82	MG/KG	SW6010B
Lead	1.36	0.655	MG/KG	SW6010B
Manganese	0.737	0.482	MG/KG	SW6010B
Nickel	3.86	0.482	MG/KG	SW6010B
Potassium	622	48.2	MG/KG	SW6010B
Selenium	3.23	0.963	MG/KG	SW6010B
Sodium	483	28.9	MG/KG	SW6010B
Zinc	25.8	0.963	MG/KG	SW6010B
2-Butanone	14600	4030	UG/KG	SW8260B
Acetone	40800	4030	UG/KG	SW8260B
p,m-Xylene	677 J	1610	UG/KG	SW8260B

SAMPLE ID: NPPD142RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
2-Butanone	17800	4030	UG/KG	SW8260B
2-Hexanone	1030 J	1610	UG/KG	SW8260B
Acetone	51600	4030	UG/KG	SW8260B
p,m-Xylene	907 J	1610	UG/KG	SW8260B

SAMPLE ID: NPPD147

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.549 B	1	MG/KG	SW6010B
Calcium	18.6	10	MG/KG	SW6010B
Chromium	2.23	0.5	MG/KG	SW6010B
Copper	0.21 B	0.5	MG/KG	SW6010B
Iron	2530	5	MG/KG	SW6010B
Manganese	15.2	0.5	MG/KG	SW6010B
Nickel	0.902	0.5	MG/KG	SW6010B
Potassium	61.2	50	MG/KG	SW6010B
Sodium	621	30	MG/KG	SW6010B
Zinc	3.38	1	MG/KG	SW6010B
1,3,5-Trimethylbenzene	6550	1010	UG/KG	SW8260B
2-Butanone	36200	5050	UG/KG	SW8260B
2-Hexanone	55400	2020	UG/KG	SW8260B
4-Isopropyltoluene	22400	1010	UG/KG	SW8260B
4-Methyl-2-pentanone	9050	2020	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

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Acetone	25000	5050	UG/KG	SW8260B
Benzene	617 J	1010	UG/KG	SW8260B
Ethylbenzene	1470	1010	UG/KG	SW8260B
Isopropylbenzene (Cume	870 J	1010	UG/KG	SW8260B
Naphthalene	35500	1010	UG/KG	SW8260B
n-Butylbenzene	32800	1010	UG/KG	SW8260B
n-Propylbenzene	4760	1010	UG/KG	SW8260B
o-Xylene	5280	1010	UG/KG	SW8260B
p,m-Xylene	9480	2020	UG/KG	SW8260B
sec-Butylbenzene	2690	1010	UG/KG	SW8260B
Toluene	6660	1010	UG/KG	SW8260B

SAMPLE ID: NPPD147DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1,2,4-Trimethylbenzene	92100	4040	UG/KG	SW8260B

SAMPLE ID: NPPD148

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	16	9.8	MG/KG	SW6010B
Antimony	2.78	0.98	MG/KG	SW6010B
Barium	0.166 B	0.49	MG/KG	SW6010B
Calcium	83.1	9.8	MG/KG	SW6010B
Chromium	0.238 B	0.49	MG/KG	SW6010B
Copper	2.17	0.49	MG/KG	SW6010B
Iron	1020	4.9	MG/KG	SW6010B
Magnesium	19.3	9.8	MG/KG	SW6010B
Manganese	7.22	0.49	MG/KG	SW6010B
Potassium	460	49	MG/KG	SW6010B
Sodium	394	29.4	MG/KG	SW6010B
Zinc	1.85	0.98	MG/KG	SW6010B
Mercury	0.00257 B	0.0189	MG/KG	SW7470A
1,2-Dichlorobenzene	215 J	546	UG/KG	SW8260B
Naphthalene	894	546	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPPD17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	102	0.96	MG/KG	SW6010B
Barium	0.915	0.48	MG/KG	SW6010B
Calcium	33.1	9.6	MG/KG	SW6010B
Cobalt	0.546	0.48	MG/KG	SW6010B
Copper	2.56	0.48	MG/KG	SW6010B
Iron	41.9	4.8	MG/KG	SW6010B
Lead	0.39 B	0.652	MG/KG	SW6010B
Magnesium	10.3	9.6	MG/KG	SW6010B
Manganese	0.641	0.48	MG/KG	SW6010B
Nickel	0.241 B	0.48	MG/KG	SW6010B
Potassium	950	48	MG/KG	SW6010B
Selenium	1.09	0.96	MG/KG	SW6010B
Sodium	3020	28.8	MG/KG	SW6010B
Zinc	24.2	0.96	MG/KG	SW6010B
Mercury	0.013 B	0.0189	MG/KG	SW7470A
Acetone	4620	3360	UG/KG	SW8260B
Naphthalene	1070	671	UG/KG	SW8260B

SAMPLE ID: NPPD170

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	190	0.958	MG/KG	SW6010B
Calcium	4.93 B	9.58	MG/KG	SW6010B
Chromium	0.223 B	0.479	MG/KG	SW6010B
Cobalt	0.0978 B	0.479	MG/KG	SW6010B
Iron	38.6	4.79	MG/KG	SW6010B
Magnesium	3.94 B	9.58	MG/KG	SW6010B
Manganese	0.386 B	0.479	MG/KG	SW6010B
Nickel	4.3	0.479	MG/KG	SW6010B
Potassium	8500	47.9	MG/KG	SW6010B
Selenium	0.894 B	0.958	MG/KG	SW6010B
Sodium	100	28.7	MG/KG	SW6010B
Zinc	0.951 B	0.958	MG/KG	SW6010B
2-Butanone	15700	3970	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPPD171

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	72.9	0.984	MG/KG	SW6010B
Arsenic	8.47	0.984	MG/KG	SW6010B
Cadmium	0.13 B	0.492	MG/KG	SW6010B
Calcium	19.3	9.84	MG/KG	SW6010B
Copper	0.24 B	0.492	MG/KG	SW6010B
Iron	7.27	4.92	MG/KG	SW6010B
Manganese	0.182 B	0.492	MG/KG	SW6010B
Potassium	3860	49.2	MG/KG	SW6010B
Selenium	1.1	0.984	MG/KG	SW6010B
p,m-Xylene	3310	2040	UG/KG	SW8260B
Phenol	432000 J	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD171DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	48300	148	MG/KG	SW6010B

SAMPLE ID: NPPD172

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	106	1	MG/KG	SW6010B
Arsenic	11	1	MG/KG	SW6010B
Cadmium	0.132 B	0.5	MG/KG	SW6010B
Calcium	10.4	10	MG/KG	SW6010B
Copper	0.261 B	0.5	MG/KG	SW6010B
Iron	3.64 B	5	MG/KG	SW6010B
Potassium	7770	50	MG/KG	SW6010B
Selenium	1.11	1	MG/KG	SW6010B
p,m-Xylene	16800	1720	UG/KG	SW8260B

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SAMPLE ID: NPPD172DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	50800	150	MG/KG	SW6010B

SAMPLE ID: NPPD175

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.46	0.982	MG/KG	SW6010B
Calcium	22.5	9.82	MG/KG	SW6010B
Chromium	0.304 B	0.491	MG/KG	SW6010B
Iron	2800	4.91	MG/KG	SW6010B
Manganese	19.4	0.491	MG/KG	SW6010B
Nickel	0.387 B	0.491	MG/KG	SW6010B
Potassium	78.4	49.1	MG/KG	SW6010B
Sodium	47.7	29.5	MG/KG	SW6010B
Zinc	2.1	0.982	MG/KG	SW6010B
Acetone	10800	3420	UG/KG	SW8260B

SAMPLE ID: NPPD176

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	86.9	9.75	MG/KG	SW6010B
Antimony	347	0.975	MG/KG	SW6010B
Arsenic	1.76	0.975	MG/KG	SW6010B
Barium	1.43	0.487	MG/KG	SW6010B
Cadmium	0.0893 B	0.487	MG/KG	SW6010B
Calcium	182	9.75	MG/KG	SW6010B
Chromium	1.81	0.487	MG/KG	SW6010B
Cobalt	0.72	0.487	MG/KG	SW6010B
Copper	3.45	0.487	MG/KG	SW6010B
Iron	280	4.87	MG/KG	SW6010B
Lead	3.72	0.663	MG/KG	SW6010B
Magnesium	10.9	9.75	MG/KG	SW6010B
Manganese	3.86	0.487	MG/KG	SW6010B
Nickel	4.26	0.487	MG/KG	SW6010B
Potassium	4060	48.7	MG/KG	SW6010B
Selenium	0.875 B	0.975	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Sodium	15300	29.2	MG/KG	SW6010B
Vanadium	0.28 B	0.487	MG/KG	SW6010B
Zinc	41.4	0.975	MG/KG	SW6010B
2-Butanone	3330 J	3700	UG/KG	SW8260B
Acetone	5240	3700	UG/KG	SW8260B
Isopropylbenzene (Cume	1130	741	UG/KG	SW8260B
Naphthalene	277 J	741	UG/KG	SW8260B
n-Butylbenzene	136 J	741	UG/KG	SW8260B

SAMPLE ID: NPPD178

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	19.6	9.71	MG/KG	SW6010B
Arsenic	7.09	0.971	MG/KG	SW6010B
Calcium	74.7	9.71	MG/KG	SW6010B
Chromium	1.47	0.485	MG/KG	SW6010B
Cobalt	0.195 B	0.485	MG/KG	SW6010B
Copper	0.61	0.485	MG/KG	SW6010B
Iron	3200	4.85	MG/KG	SW6010B
Magnesium	12.3	9.71	MG/KG	SW6010B
Manganese	25	0.485	MG/KG	SW6010B
Nickel	1.79	0.485	MG/KG	SW6010B
Potassium	1880	48.5	MG/KG	SW6010B
Selenium	2.02	0.971	MG/KG	SW6010B
Sodium	2500	29.1	MG/KG	SW6010B
Zinc	4.12	0.971	MG/KG	SW6010B
2-Butanone	1560 J	3680	UG/KG	SW8260B
Isopropylbenzene (Cume	2020	735	UG/KG	SW8260B
Toluene	444 J	735	UG/KG	SW8260B

SAMPLE ID: NPPD178DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	758	4.85	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPPD180

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	73.6	0.99	MG/KG	SW6010B
Arsenic	3.48	0.99	MG/KG	SW6010B
Cadmium	0.185 B	0.495	MG/KG	SW6010B
Calcium	39.7	9.9	MG/KG	SW6010B
Chromium	0.24 B	0.495	MG/KG	SW6010B
Copper	0.394 B	0.495	MG/KG	SW6010B
Iron	12	4.95	MG/KG	SW6010B
Manganese	1.05	0.495	MG/KG	SW6010B
Potassium	4920	49.5	MG/KG	SW6010B
Selenium	0.757 B	0.99	MG/KG	SW6010B
Vanadium	0.169 B	0.495	MG/KG	SW6010B
Zinc	2.15	0.99	MG/KG	SW6010B
2-Butanone	14200	3760	UG/KG	SW8260B
Acetone	4150	3760	UG/KG	SW8260B
Naphthalene	344 J	752	UG/KG	SW8260B
p,m-Xylene	1100 J	1500	UG/KG	SW8260B
Phenol	75800 J	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD180DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	32700	148	MG/KG	SW6010B

SAMPLE ID: NPPD181

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	54.1	0.998	MG/KG	SW6010B
Arsenic	4.23	0.998	MG/KG	SW6010B
Cadmium	0.154 B	0.499	MG/KG	SW6010B
Calcium	15.5	9.98	MG/KG	SW6010B
Chromium	4.02	0.499	MG/KG	SW6010B
Copper	0.391 B	0.499	MG/KG	SW6010B
Iron	37.4	4.99	MG/KG	SW6010B
Manganese	0.397 B	0.499	MG/KG	SW6010B
Nickel	0.615	0.499	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Potassium	9890	49.9	MG/KG	SW6010B
Selenium	0.775 B	0.998	MG/KG	SW6010B
Zinc	5.08	0.998	MG/KG	SW6010B
2-Butanone	12200	3790	UG/KG	SW8260B
Acetone	3080 J	3790	UG/KG	SW8260B
Naphthalene	306 J	758	UG/KG	SW8260B
p,m-Xylene	3210	1520	UG/KG	SW8260B
Phenol	67500 J	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD181DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	32400	150	MG/KG	SW6010B

SAMPLE ID: NPPD1DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1,2,4-Trimethylbenzene	1460000	80600	UG/KG	SW8260B
n-Butylbenzene	406000	80600	UG/KG	SW8260B
o-Xylene	414000	80600	UG/KG	SW8260B
p,m-Xylene	735000	161000	UG/KG	SW8260B
sec-Butylbenzene	400000	80600	UG/KG	SW8260B

SAMPLE ID: NPPD2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.45 B	1	MG/KG	SW6010B
Iron	6.56	5	MG/KG	SW6010B
Potassium	2130	50	MG/KG	SW6010B
Sodium	35.5	30	MG/KG	SW6010B
2-Butanone	12500	3400	UG/KG	SW8260B
4-Methyl-2-pentanone	41000	1360	UG/KG	SW8260B
Toluene	863	680	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPPD20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	3.02	0.967	MG/KG	SW6010B
Arsenic	0.58 B	0.967	MG/KG	SW6010B
Calcium	9.52 B	9.67	MG/KG	SW6010B
Iron	29.3	4.84	MG/KG	SW6010B
Manganese	0.306 B	0.484	MG/KG	SW6010B
Potassium	1770	48.4	MG/KG	SW6010B
Selenium	1.91	0.967	MG/KG	SW6010B
Sodium	3810	29	MG/KG	SW6010B
Vanadium	0.424 B	0.484	MG/KG	SW6010B
Zinc	1.94	0.967	MG/KG	SW6010B

SAMPLE ID: NPPD2DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Acetone	283000	136000	UG/KG	SW8260B

SAMPLE ID: NPPD3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1	0.967	MG/KG	SW6010B
Arsenic	1.59	0.967	MG/KG	SW6010B
Calcium	41.8	9.67	MG/KG	SW6010B
Copper	1.02	0.484	MG/KG	SW6010B
Iron	14.2	4.84	MG/KG	SW6010B
Manganese	0.357 B	0.484	MG/KG	SW6010B
Nickel	0.542	0.484	MG/KG	SW6010B
Potassium	3740	48.4	MG/KG	SW6010B
Selenium	1.79	0.967	MG/KG	SW6010B
Sodium	2230	29	MG/KG	SW6010B
Zinc	6.8	0.967	MG/KG	SW6010B
Toluene	399 J	649	UG/KG	SW8260B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample NPPD142 was recovered below criteria for Dibromofluoromethane at 7.2 % with criteria of (68-119). This sample was reanalyzed with similar results. See below.

Sample NPPD142RE1 was recovered below criteria for Dibromofluoromethane at 13.4 % with criteria of (68-119). No further action was taken. Both sets of data are reported.

Sample NPPD1DL1 was recovered below criteria for the following surrogate(s): 1,2-Dichloroethane-d4 at 0 % with criteria of (71-124), 4-Bromofluorobenzene at 0 % with criteria of (54-126), Dibromofluoromethane at 0 % with criteria of (68-119), Toluene d8 at 0 % with criteria of (59-127). No further action was taken. The surrogates were diluted out of the extract due to the high dilution required. The more concentrated analysis met all criteria.

Sample NPPD2DL1 was recovered below criteria for the following surrogate(s): 1,2-Dichloroethane-d4 at 0 % with criteria of (71-124), 4-Bromofluorobenzene at 0 % with criteria of (54-126), Dibromofluoromethane at 0 % with criteria of (68-119), Toluene d8

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

at 0 % with criteria of (59-127). No further action was taken. The surrogates were diluted out of the extract due to the high dilution required. The more concentrated analysis met all criteria.

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 083007LCSA22D was analyzed with the soil samples on 08/30/07. The following analyte(s) were recovered above criteria: 2-Butanone at 138 % with criteria of (70-130), Acetone at 143 % with criteria of (58-133). The following analyte exceeded RPD criteria: 2-Butanone at 34.5 % with criteria of (30). No further action was required.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

Sample NPPD137 required an additional 1:200 dilution due to a high concentration of p,m-Xylene. Both diluted runs are reported.

Sample NPPD147 required an additional 1:200 dilution due to a high concentration of 1,2,4-Trimethylbenzene. Both diluted runs are reported.

Sample NPPD1 required an additional 1:5000 dilution due to high concentrations of the following analyte(s): 1,2,4-Trimethylbenzene, n-Butylbenzene, o-Xylene, p,m-Xylene, sec-Butylbenzene. Both diluted runs are reported.

Sample NPPD2 required an additional 1:2000 dilution due to a high concentration of Acetone. Both diluted runs are reported.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:** **09/06/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Method: 8260

EPA Sample No	Lab Sample ID
NPPD17	250746601
NPPD181	250746602
NPPD180	250746603
NPPD171	250746604
NPPD176	250746605
NPPD175	250746606
NPPD170	250746607
NPPD172	250746608
NPPD178	250746609
NPPD147	250746610
NPPD147DL1	250746610DL1
NPPD142	250746611
NPPD142RE1	250746611RE1
NPPD148	250746612
NPPD136	250746613
NPPD20	250746614
NPPD137	250746615
NPPD137DL1	250746615DL1
NPPD3	250746616
NPPD1	250746617
NPPD1DL1	250746617DL1
NPPD2	250746618
NPPD2DL1	250746618DL1

130907 1335

Sample Data

130907 1335

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746601 Lab File ID: 46601.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1534

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	671	U
74-87-3	Chloromethane	671	U
75-01-4	Vinyl chloride	671	U
74-83-9	Bromomethane	671	U
75-00-3	Chloroethane	1680	U
75-69-4	Trichlorofluoromethane	671	U
75-35-4	1,1-Dichloroethene	671	U
107-02-8	Acrolein	8390	U
74-88-4	Methyl iodide	671	U
75-15-0	Carbon disulfide	671	U
75-09-2	Methylene chloride	1680	U
156-60-5	trans-1,2-Dichloroethene	671	U
107-13-1	Acrylonitrile	1680	U
75-34-3	1,1-Dichloroethane	671	U
67-64-1	Acetone	4620	
594-20-7	2,2-Dichloropropane	671	U
156-59-2	cis-1,2-Dichloroethene	671	U
74-97-5	Bromochloromethane	671	U
78-93-3	2-Butanone	3360	U
67-66-3	Chloroform	671	U
71-55-6	1,1,1-Trichloroethane	671	U
56-23-5	Carbon tetrachloride	671	U
563-58-6	1,1-Dichloropropene	671	U
71-43-2	Benzene	671	U
107-06-2	1,2-Dichloroethane	671	U
79-01-6	Trichloroethene	671	U
108-05-4	Vinyl acetate	1340	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746601 Lab File ID: 46601.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1534

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	671	U
74-95-3	Dibromomethane	671	U
75-27-4	Bromodichloromethane	671	U
10061-01-5	cis-1,3-Dichloropropene	671	U
108-10-1	4-Methyl-2-pentanone	1340	U
108-88-3	Toluene	671	U
10061-02-6	trans-1,3-Dichloropropene	671	U
79-00-5	1,1,2-Trichloroethane	671	U
127-18-4	Tetrachloroethene	1680	U
142-28-9	1,3-Dichloropropane	671	U
591-78-6	2-Hexanone	1340	U
124-48-1	Dibromochloromethane	671	U
106-93-4	1,2-Dibromoethane(EDB)	671	U
108-90-7	Chlorobenzene	671	U
630-20-6	1,1,1,2-Tetrachloroethane	671	U
100-41-4	Ethylbenzene	671	U
511-39-00	p,m-Xylene	1340	U
95-47-6	o-Xylene	671	U
100-42-5	Styrene	671	U
75-25-2	Bromoform	1680	U
98-82-8	Isopropylbenzene (Cumene)	671	U
108-86-1	Bromobenzene	671	U
79-34-5	1,1,2,2-Tetrachloroethane	671	U
96-18-4	1,2,3-Trichloropropane	671	U
103-65-1	n-Propylbenzene	671	U
95-49-8	2-Chlorotoluene	671	U
106-43-4	4-Chlorotoluene	671	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746601 Lab File ID: 46601.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1534

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	671	U
98-06-6	tert-Butylbenzene	671	U
95-63-6	1,2,4-Trimethylbenzene	671	U
135-98-8	sec-Butylbenzene	671	U
541-73-1	1,3-Dichlorobenzene	671	U
106-46-7	1,4-Dichlorobenzene	671	U
99-87-6	4-Isopropyltoluene	671	U
104-51-8	n-Butylbenzene	671	U
95-50-1	1,2-Dichlorobenzene	671	U
96-12-8	1,2-Dibromo-3-chloropropane	3360	U
120-82-1	1,2,4-Trichlorobenzene	671	U
87-68-3	Hexachlorobutadiene	1010	U
91-20-3	Naphthalene	1070	
87-61-6	1,2,3-Trichlorobenzene	671	U
1634-04-4	MTBE	671	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD181

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746602 Lab File ID: 46602.D

Sample wt/vol: 1.32 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1626

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	758	U
74-87-3	Chloromethane	758	U
75-01-4	Vinyl chloride	758	U
74-83-9	Bromomethane	758	U
75-00-3	Chloroethane	1890	U
75-69-4	Trichlorofluoromethane	758	U
75-35-4	1,1-Dichloroethene	758	U
107-02-8	Acrolein	9470	U
74-88-4	Methyl iodide	758	U
75-15-0	Carbon disulfide	758	U
75-09-2	Methylene chloride	1890	U
156-60-5	trans-1,2-Dichloroethene	758	U
107-13-1	Acrylonitrile	1890	U
75-34-3	1,1-Dichloroethane	758	U
67-64-1	Acetone	3080	J
594-20-7	2,2-Dichloropropane	758	U
156-59-2	cis-1,2-Dichloroethene	758	U
74-97-5	Bromochloromethane	758	U
78-93-3	2-Butanone	12200	
67-66-3	Chloroform	758	U
71-55-6	1,1,1-Trichloroethane	758	U
56-23-5	Carbon tetrachloride	758	U
563-58-6	1,1-Dichloropropene	758	U
71-43-2	Benzene	758	U
107-06-2	1,2-Dichloroethane	758	U
79-01-6	Trichloroethene	758	U
108-05-4	Vinyl acetate	1520	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD181

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746602 Lab File ID: 46602.D

Sample wt/vol: 1.32 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1626

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	758	U
74-95-3	Dibromomethane	758	U
75-27-4	Bromodichloromethane	758	U
10061-01-5	cis-1,3-Dichloropropene	758	U
108-10-1	4-Methyl-2-pentanone	1520	U
108-88-3	Toluene	758	U
10061-02-6	trans-1,3-Dichloropropene	758	U
79-00-5	1,1,2-Trichloroethane	758	U
127-18-4	Tetrachloroethene	1890	U
142-28-9	1,3-Dichloropropane	758	U
591-78-6	2-Hexanone	1520	U
124-48-1	Dibromochloromethane	758	U
106-93-4	1,2-Dibromoethane(EDB)	758	U
108-90-7	Chlorobenzene	758	U
630-20-6	1,1,1,2-Tetrachloroethane	758	U
100-41-4	Ethylbenzene	758	U
511-39-00	p,m-Xylene	3210	
95-47-6	o-Xylene	758	U
100-42-5	Styrene	758	U
75-25-2	Bromoform	1890	U
98-82-8	Isopropylbenzene (Cumene)	758	U
108-86-1	Bromobenzene	758	U
79-34-5	1,1,2,2-Tetrachloroethane	758	U
96-18-4	1,2,3-Trichloropropane	758	U
103-65-1	n-Propylbenzene	758	U
95-49-8	2-Chlorotoluene	758	U
106-43-4	4-Chlorotoluene	758	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD181

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746602 Lab File ID: 46602.D

Sample wt/vol: 1.32 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1626

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	758	U
98-06-6	tert-Butylbenzene	758	U
95-63-6	1,2,4-Trimethylbenzene	758	U
135-98-8	sec-Butylbenzene	758	U
541-73-1	1,3-Dichlorobenzene	758	U
106-46-7	1,4-Dichlorobenzene	758	U
99-87-6	4-Isopropyltoluene	758	U
104-51-8	n-Butylbenzene	758	U
95-50-1	1,2-Dichlorobenzene	758	U
96-12-8	1,2-Dibromo-3-chloropropane	3790	U
120-82-1	1,2,4-Trichlorobenzene	758	U
87-68-3	Hexachlorobutadiene	1140	U
91-20-3	Naphthalene	306	J
87-61-6	1,2,3-Trichlorobenzene	758	U
1634-04-4	MTBE	758	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD180

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746603 Lab File ID: 46603.D

Sample wt/vol: 1.33 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1146

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	752	U
74-87-3	Chloromethane	752	U
75-01-4	Vinyl chloride	752	U
74-83-9	Bromomethane	752	U
75-00-3	Chloroethane	1880	U
75-69-4	Trichlorofluoromethane	752	U
75-35-4	1,1-Dichloroethene	752	U
107-02-8	Acrolein	9400	U
74-88-4	Methyl iodide	752	U
75-15-0	Carbon disulfide	752	U
75-09-2	Methylene chloride	1880	U
156-60-5	trans-1,2-Dichloroethene	752	U
107-13-1	Acrylonitrile	1880	U
75-34-3	1,1-Dichloroethane	752	U
67-64-1	Acetone	4150	
594-20-7	2,2-Dichloropropane	752	U
156-59-2	cis-1,2-Dichloroethene	752	U
74-97-5	Bromochloromethane	752	U
78-93-3	2-Butanone	14200	
67-66-3	Chloroform	752	U
71-55-6	1,1,1-Trichloroethane	752	U
56-23-5	Carbon tetrachloride	752	U
563-58-6	1,1-Dichloropropene	752	U
71-43-2	Benzene	752	U
107-06-2	1,2-Dichloroethane	752	U
79-01-6	Trichloroethene	752	U
108-05-4	Vinyl acetate	1500	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD180

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746603 Lab File ID: 46603.D

Sample wt/vol: 1.33 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1146

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	752	U
74-95-3	Dibromomethane	752	U
75-27-4	Bromodichloromethane	752	U
10061-01-5	cis-1,3-Dichloropropene	752	U
108-10-1	4-Methyl-2-pentanone	1500	U
108-88-3	Toluene	752	U
10061-02-6	trans-1,3-Dichloropropene	752	U
79-00-5	1,1,2-Trichloroethane	752	U
127-18-4	Tetrachloroethene	1880	U
142-28-9	1,3-Dichloropropane	752	U
591-78-6	2-Hexanone	1500	U
124-48-1	Dibromochloromethane	752	U
106-93-4	1,2-Dibromoethane(EDB)	752	U
108-90-7	Chlorobenzene	752	U
630-20-6	1,1,1,2-Tetrachloroethane	752	U
100-41-4	Ethylbenzene	752	U
511-39-00	p,m-Xylene	1100	J
95-47-6	o-Xylene	752	U
100-42-5	Styrene	752	U
75-25-2	Bromoform	1880	U
98-82-8	Isopropylbenzene (Cumene)	752	U
108-86-1	Bromobenzene	752	U
79-34-5	1,1,2,2-Tetrachloroethane	752	U
96-18-4	1,2,3-Trichloropropane	752	U
103-65-1	n-Propylbenzene	752	U
95-49-8	2-Chlorotoluene	752	U
106-43-4	4-Chlorotoluene	752	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD180

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746603 Lab File ID: 46603.D

Sample wt/vol: 1.33 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1146

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	752	U
98-06-6	tert-Butylbenzene	752	U
95-63-6	1,2,4-Trimethylbenzene	752	U
135-98-8	sec-Butylbenzene	752	U
541-73-1	1,3-Dichlorobenzene	752	U
106-46-7	1,4-Dichlorobenzene	752	U
99-87-6	4-Isopropyltoluene	752	U
104-51-8	n-Butylbenzene	752	U
95-50-1	1,2-Dichlorobenzene	752	U
96-12-8	1,2-Dibromo-3-chloropropane	3760	U
120-82-1	1,2,4-Trichlorobenzene	752	U
87-68-3	Hexachlorobutadiene	1130	U
91-20-3	Naphthalene	344	J
87-61-6	1,2,3-Trichlorobenzene	752	U
1634-04-4	MTBE	752	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD171

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746604 Lab File ID: 46604R.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1338

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1020	U
74-87-3	Chloromethane	1020	U
75-01-4	Vinyl chloride	1020	U
74-83-9	Bromomethane	1020	U
75-00-3	Chloroethane	2550	U
75-69-4	Trichlorofluoromethane	1020	U
75-35-4	1,1-Dichloroethene	1020	U
107-02-8	Acrolein	12800	U
74-88-4	Methyl iodide	1020	U
75-15-0	Carbon disulfide	1020	U
75-09-2	Methylene chloride	2550	U
156-60-5	trans-1,2-Dichloroethene	1020	U
107-13-1	Acrylonitrile	2550	U
75-34-3	1,1-Dichloroethane	1020	U
67-64-1	Acetone	5100	U
594-20-7	2,2-Dichloropropane	1020	U
156-59-2	cis-1,2-Dichloroethene	1020	U
74-97-5	Bromochloromethane	1020	U
78-93-3	2-Butanone	5100	U
67-66-3	Chloroform	1020	U
71-55-6	1,1,1-Trichloroethane	1020	U
56-23-5	Carbon tetrachloride	1020	U
563-58-6	1,1-Dichloropropene	1020	U
71-43-2	Benzene	1020	U
107-06-2	1,2-Dichloroethane	1020	U
79-01-6	Trichloroethene	1020	U
108-05-4	Vinyl acetate	2040	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD171

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746604 Lab File ID: 46604R.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1338

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1020	U
74-95-3	Dibromomethane	1020	U
75-27-4	Bromodichloromethane	1020	U
10061-01-5	cis-1,3-Dichloropropene	1020	U
108-10-1	4-Methyl-2-pentanone	2040	U
108-88-3	Toluene	1020	U
10061-02-6	trans-1,3-Dichloropropene	1020	U
79-00-5	1,1,2-Trichloroethane	1020	U
127-18-4	Tetrachloroethene	2550	U
142-28-9	1,3-Dichloropropane	1020	U
591-78-6	2-Hexanone	2040	U
124-48-1	Dibromochloromethane	1020	U
106-93-4	1,2-Dibromoethane(EDB)	1020	U
108-90-7	Chlorobenzene	1020	U
630-20-6	1,1,1,2-Tetrachloroethane	1020	U
100-41-4	Ethylbenzene	1020	U
511-39-00	p,m-Xylene	3310	
95-47-6	o-Xylene	1020	U
100-42-5	Styrene	1020	U
75-25-2	Bromoform	2550	U
98-82-8	Isopropylbenzene (Cumene)	1020	U
108-86-1	Bromobenzene	1020	U
79-34-5	1,1,2,2-Tetrachloroethane	1020	U
96-18-4	1,2,3-Trichloropropane	1020	U
103-65-1	n-Propylbenzene	1020	U
95-49-8	2-Chlorotoluene	1020	U
106-43-4	4-Chlorotoluene	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD171

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746604 Lab File ID: 46604R.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1338

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1020	U
98-06-6	tert-Butylbenzene	1020	U
95-63-6	1,2,4-Trimethylbenzene	1020	U
135-98-8	sec-Butylbenzene	1020	U
541-73-1	1,3-Dichlorobenzene	1020	U
106-46-7	1,4-Dichlorobenzene	1020	U
99-87-6	4-Isopropyltoluene	1020	U
104-51-8	n-Butylbenzene	1020	U
95-50-1	1,2-Dichlorobenzene	1020	U
96-12-8	1,2-Dibromo-3-chloropropane	5100	U
120-82-1	1,2,4-Trichlorobenzene	1020	U
87-68-3	Hexachlorobutadiene	1530	U
91-20-3	Naphthalene	1020	U
87-61-6	1,2,3-Trichlorobenzene	1020	U
1634-04-4	MTBE	1020	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD176

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746605 Lab File ID: 46605.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1430

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	741	U
74-87-3	Chloromethane	741	U
75-01-4	Vinyl chloride	741	U
74-83-9	Bromomethane	741	U
75-00-3	Chloroethane	1850	U
75-69-4	Trichlorofluoromethane	741	U
75-35-4	1,1-Dichloroethene	741	U
107-02-8	Acrolein	9260	U
74-88-4	Methyl iodide	741	U
75-15-0	Carbon disulfide	741	U
75-09-2	Methylene chloride	1850	U
156-60-5	trans-1,2-Dichloroethene	741	U
107-13-1	Acrylonitrile	1850	U
75-34-3	1,1-Dichloroethane	741	U
67-64-1	Acetone	5240	
594-20-7	2,2-Dichloropropane	741	U
156-59-2	cis-1,2-Dichloroethene	741	U
74-97-5	Bromochloromethane	741	U
78-93-3	2-Butanone	3330	J
67-66-3	Chloroform	741	U
71-55-6	1,1,1-Trichloroethane	741	U
56-23-5	Carbon tetrachloride	741	U
563-58-6	1,1-Dichloropropene	741	U
71-43-2	Benzene	741	U
107-06-2	1,2-Dichloroethane	741	U
79-01-6	Trichloroethene	741	U
108-05-4	Vinyl acetate	1480	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD176

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746605 Lab File ID: 46605.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1430

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	741	U
74-95-3	Dibromomethane	741	U
75-27-4	Bromodichloromethane	741	U
10061-01-5	cis-1,3-Dichloropropene	741	U
108-10-1	4-Methyl-2-pentanone	1480	U
108-88-3	Toluene	741	U
10061-02-6	trans-1,3-Dichloropropene	741	U
79-00-5	1,1,2-Trichloroethane	741	U
127-18-4	Tetrachloroethene	1850	U
142-28-9	1,3-Dichloropropane	741	U
591-78-6	2-Hexanone	1480	U
124-48-1	Dibromochloromethane	741	U
106-93-4	1,2-Dibromoethane(EDB)	741	U
108-90-7	Chlorobenzene	741	U
630-20-6	1,1,1,2-Tetrachloroethane	741	U
100-41-4	Ethylbenzene	741	U
511-39-00	p,m-Xylene	1480	U
95-47-6	o-Xylene	741	U
100-42-5	Styrene	741	U
75-25-2	Bromoform	1850	U
98-82-8	Isopropylbenzene (Cumene)	1130	
108-86-1	Bromobenzene	741	U
79-34-5	1,1,2,2-Tetrachloroethane	741	U
96-18-4	1,2,3-Trichloropropane	741	U
103-65-1	n-Propylbenzene	741	U
95-49-8	2-Chlorotoluene	741	U
106-43-4	4-Chlorotoluene	741	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD176

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746605 Lab File ID: 46605.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1430

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	741	U
98-06-6	tert-Butylbenzene	741	U
95-63-6	1,2,4-Trimethylbenzene	741	U
135-98-8	sec-Butylbenzene	741	U
541-73-1	1,3-Dichlorobenzene	741	U
106-46-7	1,4-Dichlorobenzene	741	U
99-87-6	4-Isopropyltoluene	741	U
104-51-8	n-Butylbenzene	136	J
95-50-1	1,2-Dichlorobenzene	741	U
96-12-8	1,2-Dibromo-3-chloropropane	3700	U
120-82-1	1,2,4-Trichlorobenzene	741	U
87-68-3	Hexachlorobutadiene	1110	U
91-20-3	Naphthalene	277	J
87-61-6	1,2,3-Trichlorobenzene	741	U
1634-04-4	MTBE	741	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD175

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746606 Lab File ID: 46606.D

Sample wt/vol: 1.46 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1457

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	685	U
74-87-3	Chloromethane	685	U
75-01-4	Vinyl chloride	685	U
74-83-9	Bromomethane	685	U
75-00-3	Chloroethane	1710	U
75-69-4	Trichlorofluoromethane	685	U
75-35-4	1,1-Dichloroethene	685	U
107-02-8	Acrolein	8560	U
74-88-4	Methyl iodide	685	U
75-15-0	Carbon disulfide	685	U
75-09-2	Methylene chloride	1710	U
156-60-5	trans-1,2-Dichloroethene	685	U
107-13-1	Acrylonitrile	1710	U
75-34-3	1,1-Dichloroethane	685	U
67-64-1	Acetone	10800	
594-20-7	2,2-Dichloropropane	685	U
156-59-2	cis-1,2-Dichloroethene	685	U
74-97-5	Bromochloromethane	685	U
78-93-3	2-Butanone	3420	U
67-66-3	Chloroform	685	U
71-55-6	1,1,1-Trichloroethane	685	U
56-23-5	Carbon tetrachloride	685	U
563-58-6	1,1-Dichloropropene	685	U
71-43-2	Benzene	685	U
107-06-2	1,2-Dichloroethane	685	U
79-01-6	Trichloroethene	685	U
108-05-4	Vinyl acetate	1370	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD175

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746606 Lab File ID: 46606.D

Sample wt/vol: 1.46 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1457

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	685	U
74-95-3	Dibromomethane	685	U
75-27-4	Bromodichloromethane	685	U
10061-01-5	cis-1,3-Dichloropropene	685	U
108-10-1	4-Methyl-2-pentanone	1370	U
108-88-3	Toluene	685	U
10061-02-6	trans-1,3-Dichloropropene	685	U
79-00-5	1,1,2-Trichloroethane	685	U
127-18-4	Tetrachloroethene	1710	U
142-28-9	1,3-Dichloropropane	685	U
591-78-6	2-Hexanone	1370	U
124-48-1	Dibromochloromethane	685	U
106-93-4	1,2-Dibromoethane(EDB)	685	U
108-90-7	Chlorobenzene	685	U
630-20-6	1,1,1,2-Tetrachloroethane	685	U
100-41-4	Ethylbenzene	685	U
511-39-00	p,m-Xylene	1370	U
95-47-6	o-Xylene	685	U
100-42-5	Styrene	685	U
75-25-2	Bromoform	1710	U
98-82-8	Isopropylbenzene (Cumene)	685	U
108-86-1	Bromobenzene	685	U
79-34-5	1,1,2,2-Tetrachloroethane	685	U
96-18-4	1,2,3-Trichloropropane	685	U
103-65-1	n-Propylbenzene	685	U
95-49-8	2-Chlorotoluene	685	U
106-43-4	4-Chlorotoluene	685	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD175

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746606 Lab File ID: 46606.D

Sample wt/vol: 1.46 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1457

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	685	U
98-06-6	tert-Butylbenzene	685	U
95-63-6	1,2,4-Trimethylbenzene	685	U
135-98-8	sec-Butylbenzene	685	U
541-73-1	1,3-Dichlorobenzene	685	U
106-46-7	1,4-Dichlorobenzene	685	U
99-87-6	4-Isopropyltoluene	685	U
104-51-8	n-Butylbenzene	685	U
95-50-1	1,2-Dichlorobenzene	685	U
96-12-8	1,2-Dibromo-3-chloropropane	3420	U
120-82-1	1,2,4-Trichlorobenzene	685	U
87-68-3	Hexachlorobutadiene	1030	U
91-20-3	Naphthalene	685	U
87-61-6	1,2,3-Trichlorobenzene	685	U
1634-04-4	MTBE	685	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD170

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746607 Lab File ID: 46607.D

Sample wt/vol: 1.26 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1524

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	794	U
74-87-3	Chloromethane	794	U
75-01-4	Vinyl chloride	794	U
74-83-9	Bromomethane	794	U
75-00-3	Chloroethane	1980	U
75-69-4	Trichlorofluoromethane	794	U
75-35-4	1,1-Dichloroethene	794	U
107-02-8	Acrolein	9920	U
74-88-4	Methyl iodide	794	U
75-15-0	Carbon disulfide	794	U
75-09-2	Methylene chloride	1980	U
156-60-5	trans-1,2-Dichloroethene	794	U
107-13-1	Acrylonitrile	1980	U
75-34-3	1,1-Dichloroethane	794	U
67-64-1	Acetone	3970	U
594-20-7	2,2-Dichloropropane	794	U
156-59-2	cis-1,2-Dichloroethene	794	U
74-97-5	Bromochloromethane	794	U
78-93-3	2-Butanone	15700	
67-66-3	Chloroform	794	U
71-55-6	1,1,1-Trichloroethane	794	U
56-23-5	Carbon tetrachloride	794	U
563-58-6	1,1-Dichloropropene	794	U
71-43-2	Benzene	794	U
107-06-2	1,2-Dichloroethane	794	U
79-01-6	Trichloroethene	794	U
108-05-4	Vinyl acetate	1590	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD170

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746607 Lab File ID: 46607.D

Sample wt/vol: 1.26 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1524

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	794	U
74-95-3	Dibromomethane	794	U
75-27-4	Bromodichloromethane	794	U
10061-01-5	cis-1,3-Dichloropropene	794	U
108-10-1	4-Methyl-2-pentanone	1590	U
108-88-3	Toluene	794	U
10061-02-6	trans-1,3-Dichloropropene	794	U
79-00-5	1,1,2-Trichloroethane	794	U
127-18-4	Tetrachloroethene	1980	U
142-28-9	1,3-Dichloropropane	794	U
591-78-6	2-Hexanone	1590	U
124-48-1	Dibromochloromethane	794	U
106-93-4	1,2-Dibromoethane(EDB)	794	U
108-90-7	Chlorobenzene	794	U
630-20-6	1,1,1,2-Tetrachloroethane	794	U
100-41-4	Ethylbenzene	794	U
511-39-00	p,m-Xylene	1590	U
95-47-6	o-Xylene	794	U
100-42-5	Styrene	794	U
75-25-2	Bromoform	1980	U
98-82-8	Isopropylbenzene (Cumene)	794	U
108-86-1	Bromobenzene	794	U
79-34-5	1,1,2,2-Tetrachloroethane	794	U
96-18-4	1,2,3-Trichloropropane	794	U
103-65-1	n-Propylbenzene	794	U
95-49-8	2-Chlorotoluene	794	U
106-43-4	4-Chlorotoluene	794	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD170

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746607 Lab File ID: 46607.D

Sample wt/vol: 1.26 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1524

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	794	U
98-06-6	tert-Butylbenzene	794	U
95-63-6	1,2,4-Trimethylbenzene	794	U
135-98-8	sec-Butylbenzene	794	U
541-73-1	1,3-Dichlorobenzene	794	U
106-46-7	1,4-Dichlorobenzene	794	U
99-87-6	4-Isopropyltoluene	794	U
104-51-8	n-Butylbenzene	794	U
95-50-1	1,2-Dichlorobenzene	794	U
96-12-8	1,2-Dibromo-3-chloropropane	3970	U
120-82-1	1,2,4-Trichlorobenzene	794	U
87-68-3	Hexachlorobutadiene	1190	U
91-20-3	Naphthalene	794	U
87-61-6	1,2,3-Trichlorobenzene	794	U
1634-04-4	MTBE	794	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD172

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746608 Lab File ID: 46608.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1551

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	862	U
74-87-3	Chloromethane	862	U
75-01-4	Vinyl chloride	862	U
74-83-9	Bromomethane	862	U
75-00-3	Chloroethane	2160	U
75-69-4	Trichlorofluoromethane	862	U
75-35-4	1,1-Dichloroethene	862	U
107-02-8	Acrolein	10800	U
74-88-4	Methyl iodide	862	U
75-15-0	Carbon disulfide	862	U
75-09-2	Methylene chloride	2160	U
156-60-5	trans-1,2-Dichloroethene	862	U
107-13-1	Acrylonitrile	2160	U
75-34-3	1,1-Dichloroethane	862	U
67-64-1	Acetone	4310	U
594-20-7	2,2-Dichloropropane	862	U
156-59-2	cis-1,2-Dichloroethene	862	U
74-97-5	Bromochloromethane	862	U
78-93-3	2-Butanone	4310	U
67-66-3	Chloroform	862	U
71-55-6	1,1,1-Trichloroethane	862	U
56-23-5	Carbon tetrachloride	862	U
563-58-6	1,1-Dichloropropene	862	U
71-43-2	Benzene	862	U
107-06-2	1,2-Dichloroethane	862	U
79-01-6	Trichloroethene	862	U
108-05-4	Vinyl acetate	1720	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD172

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746608 Lab File ID: 46608.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1551

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	862	U
74-95-3	Dibromomethane	862	U
75-27-4	Bromodichloromethane	862	U
10061-01-5	cis-1,3-Dichloropropene	862	U
108-10-1	4-Methyl-2-pentanone	1720	U
108-88-3	Toluene	862	U
10061-02-6	trans-1,3-Dichloropropene	862	U
79-00-5	1,1,2-Trichloroethane	862	U
127-18-4	Tetrachloroethene	2160	U
142-28-9	1,3-Dichloropropane	862	U
591-78-6	2-Hexanone	1720	U
124-48-1	Dibromochloromethane	862	U
106-93-4	1,2-Dibromoethane(EDB)	862	U
108-90-7	Chlorobenzene	862	U
630-20-6	1,1,1,2-Tetrachloroethane	862	U
100-41-4	Ethylbenzene	862	U
511-39-00	p,m-Xylene	16800	
95-47-6	o-Xylene	862	U
100-42-5	Styrene	862	U
75-25-2	Bromoform	2160	U
98-82-8	Isopropylbenzene (Cumene)	862	U
108-86-1	Bromobenzene	862	U
79-34-5	1,1,2,2-Tetrachloroethane	862	U
96-18-4	1,2,3-Trichloropropane	862	U
103-65-1	n-Propylbenzene	862	U
95-49-8	2-Chlorotoluene	862	U
106-43-4	4-Chlorotoluene	862	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD172

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746608 Lab File ID: 46608.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1551

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	862	U
98-06-6	tert-Butylbenzene	862	U
95-63-6	1,2,4-Trimethylbenzene	862	U
135-98-8	sec-Butylbenzene	862	U
541-73-1	1,3-Dichlorobenzene	862	U
106-46-7	1,4-Dichlorobenzene	862	U
99-87-6	4-Isopropyltoluene	862	U
104-51-8	n-Butylbenzene	862	U
95-50-1	1,2-Dichlorobenzene	862	U
96-12-8	1,2-Dibromo-3-chloropropane	4310	U
120-82-1	1,2,4-Trichlorobenzene	862	U
87-68-3	Hexachlorobutadiene	1290	U
91-20-3	Naphthalene	862	U
87-61-6	1,2,3-Trichlorobenzene	862	U
1634-04-4	MTBE	862	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD178

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746609 Lab File ID: 46609.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1618

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	735	U
74-87-3	Chloromethane	735	U
75-01-4	Vinyl chloride	735	U
74-83-9	Bromomethane	735	U
75-00-3	Chloroethane	1840	U
75-69-4	Trichlorofluoromethane	735	U
75-35-4	1,1-Dichloroethene	735	U
107-02-8	Acrolein	9190	U
74-88-4	Methyl iodide	735	U
75-15-0	Carbon disulfide	735	U
75-09-2	Methylene chloride	1840	U
156-60-5	trans-1,2-Dichloroethene	735	U
107-13-1	Acrylonitrile	1840	U
75-34-3	1,1-Dichloroethane	735	U
67-64-1	Acetone	3680	U
594-20-7	2,2-Dichloropropane	735	U
156-59-2	cis-1,2-Dichloroethene	735	U
74-97-5	Bromochloromethane	735	U
78-93-3	2-Butanone	1560	J
67-66-3	Chloroform	735	U
71-55-6	1,1,1-Trichloroethane	735	U
56-23-5	Carbon tetrachloride	735	U
563-58-6	1,1-Dichloropropene	735	U
71-43-2	Benzene	735	U
107-06-2	1,2-Dichloroethane	735	U
79-01-6	Trichloroethene	735	U
108-05-4	Vinyl acetate	1470	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD178

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746609 Lab File ID: 46609.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1618

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	735	U
74-95-3	Dibromomethane	735	U
75-27-4	Bromodichloromethane	735	U
10061-01-5	cis-1,3-Dichloropropene	735	U
108-10-1	4-Methyl-2-pentanone	1470	U
108-88-3	Toluene	444	J
10061-02-6	trans-1,3-Dichloropropene	735	U
79-00-5	1,1,2-Trichloroethane	735	U
127-18-4	Tetrachloroethene	1840	U
142-28-9	1,3-Dichloropropane	735	U
591-78-6	2-Hexanone	1470	U
124-48-1	Dibromochloromethane	735	U
106-93-4	1,2-Dibromoethane(EDB)	735	U
108-90-7	Chlorobenzene	735	U
630-20-6	1,1,1,2-Tetrachloroethane	735	U
100-41-4	Ethylbenzene	735	U
511-39-00	p,m-Xylene	1470	U
95-47-6	o-Xylene	735	U
100-42-5	Styrene	735	U
75-25-2	Bromoform	1840	U
98-82-8	Isopropylbenzene (Cumene)	2020	
108-86-1	Bromobenzene	735	U
79-34-5	1,1,2,2-Tetrachloroethane	735	U
96-18-4	1,2,3-Trichloropropane	735	U
103-65-1	n-Propylbenzene	735	U
95-49-8	2-Chlorotoluene	735	U
106-43-4	4-Chlorotoluene	735	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD178

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746609 Lab File ID: 46609.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1618

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	735	U
98-06-6	tert-Butylbenzene	735	U
95-63-6	1,2,4-Trimethylbenzene	735	U
135-98-8	sec-Butylbenzene	735	U
541-73-1	1,3-Dichlorobenzene	735	U
106-46-7	1,4-Dichlorobenzene	735	U
99-87-6	4-Isopropyltoluene	735	U
104-51-8	n-Butylbenzene	735	U
95-50-1	1,2-Dichlorobenzene	735	U
96-12-8	1,2-Dibromo-3-chloropropane	3680	U
120-82-1	1,2,4-Trichlorobenzene	735	U
87-68-3	Hexachlorobutadiene	1100	U
91-20-3	Naphthalene	735	U
87-61-6	1,2,3-Trichlorobenzene	735	U
1634-04-4	MTBE	735	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD147

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610 Lab File ID: 46610.D

Sample wt/vol: 0.99 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1739

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1010	U
74-87-3	Chloromethane	1010	U
75-01-4	Vinyl chloride	1010	U
74-83-9	Bromomethane	1010	U
75-00-3	Chloroethane	2520	U
75-69-4	Trichlorofluoromethane	1010	U
75-35-4	1,1-Dichloroethene	1010	U
107-02-8	Acrolein	12600	U
74-88-4	Methyl iodide	1010	U
75-15-0	Carbon disulfide	1010	U
75-09-2	Methylene chloride	2520	U
156-60-5	trans-1,2-Dichloroethene	1010	U
107-13-1	Acrylonitrile	2520	U
75-34-3	1,1-Dichloroethane	1010	U
67-64-1	Acetone	25000	
594-20-7	2,2-Dichloropropane	1010	U
156-59-2	cis-1,2-Dichloroethene	1010	U
74-97-5	Bromochloromethane	1010	U
78-93-3	2-Butanone	36200	
67-66-3	Chloroform	1010	U
71-55-6	1,1,1-Trichloroethane	1010	U
56-23-5	Carbon tetrachloride	1010	U
563-58-6	1,1-Dichloropropene	1010	U
71-43-2	Benzene	617	J
107-06-2	1,2-Dichloroethane	1010	U
79-01-6	Trichloroethene	1010	U
108-05-4	Vinyl acetate	2020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD147

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610 Lab File ID: 46610.D

Sample wt/vol: 0.99 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1739

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1010	U
74-95-3	Dibromomethane	1010	U
75-27-4	Bromodichloromethane	1010	U
10061-01-5	cis-1,3-Dichloropropene	1010	U
108-10-1	4-Methyl-2-pentanone	9050	
108-88-3	Toluene	6660	
10061-02-6	trans-1,3-Dichloropropene	1010	U
79-00-5	1,1,2-Trichloroethane	1010	U
127-18-4	Tetrachloroethene	2520	U
142-28-9	1,3-Dichloropropane	1010	U
591-78-6	2-Hexanone	55400	
124-48-1	Dibromochloromethane	1010	U
106-93-4	1,2-Dibromoethane(EDB)	1010	U
108-90-7	Chlorobenzene	1010	U
630-20-6	1,1,1,2-Tetrachloroethane	1010	U
100-41-4	Ethylbenzene	1470	
511-39-00	p,m-Xylene	9480	
95-47-6	o-Xylene	5280	
100-42-5	Styrene	1010	U
75-25-2	Bromoform	2520	U
98-82-8	Isopropylbenzene (Cumene)	870	J
108-86-1	Bromobenzene	1010	U
79-34-5	1,1,2,2-Tetrachloroethane	1010	U
96-18-4	1,2,3-Trichloropropane	1010	U
103-65-1	n-Propylbenzene	4760	
95-49-8	2-Chlorotoluene	1010	U
106-43-4	4-Chlorotoluene	1010	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD147

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610 Lab File ID: 46610.D

Sample wt/vol: 0.99 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1739

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	6550	
98-06-6	tert-Butylbenzene	1010	U
95-63-6	1,2,4-Trimethylbenzene	78400	E
135-98-8	sec-Butylbenzene	2690	
541-73-1	1,3-Dichlorobenzene	1010	U
106-46-7	1,4-Dichlorobenzene	1010	U
99-87-6	4-Isopropyltoluene	22400	
104-51-8	n-Butylbenzene	32800	
95-50-1	1,2-Dichlorobenzene	1010	U
96-12-8	1,2-Dibromo-3-chloropropane	5050	U
120-82-1	1,2,4-Trichlorobenzene	1010	U
87-68-3	Hexachlorobutadiene	1520	U
91-20-3	Naphthalene	35500	
87-61-6	1,2,3-Trichlorobenzene	1010	U
1634-04-4	MTBE	1010	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD147DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610DL1 Lab File ID: 46610D.D

Sample wt/vol: 0.99 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1118

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	4040	U
74-87-3	Chloromethane	4040	U
75-01-4	Vinyl chloride	4040	U
74-83-9	Bromomethane	4040	U
75-00-3	Chloroethane	10100	U
75-69-4	Trichlorofluoromethane	4040	U
75-35-4	1,1-Dichloroethene	4040	U
107-02-8	Acrolein	50500	U
74-88-4	Methyl iodide	4040	U
75-15-0	Carbon disulfide	4040	U
75-09-2	Methylene chloride	10100	U
156-60-5	trans-1,2-Dichloroethene	4040	U
107-13-1	Acrylonitrile	10100	U
75-34-3	1,1-Dichloroethane	4040	U
67-64-1	Acetone	28900	
594-20-7	2,2-Dichloropropane	4040	U
156-59-2	cis-1,2-Dichloroethene	4040	U
74-97-5	Bromochloromethane	4040	U
78-93-3	2-Butanone	41700	
67-66-3	Chloroform	4040	U
71-55-6	1,1,1-Trichloroethane	4040	U
56-23-5	Carbon tetrachloride	4040	U
563-58-6	1,1-Dichloropropene	4040	U
71-43-2	Benzene	4040	U
107-06-2	1,2-Dichloroethane	4040	U
79-01-6	Trichloroethene	4040	U
108-05-4	Vinyl acetate	8080	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD147DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610DL1 Lab File ID: 46610D.D

Sample wt/vol: 0.99 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1118

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	4040	U
74-95-3	Dibromomethane	4040	U
75-27-4	Bromodichloromethane	4040	U
10061-01-5	cis-1,3-Dichloropropene	4040	U
108-10-1	4-Methyl-2-pentanone	11000	
108-88-3	Toluene	5760	
10061-02-6	trans-1,3-Dichloropropene	4040	U
79-00-5	1,1,2-Trichloroethane	4040	U
127-18-4	Tetrachloroethene	10100	U
142-28-9	1,3-Dichloropropane	4040	U
591-78-6	2-Hexanone	61500	
124-48-1	Dibromochloromethane	4040	U
106-93-4	1,2-Dibromoethane(EDB)	4040	U
108-90-7	Chlorobenzene	4040	U
630-20-6	1,1,1,2-Tetrachloroethane	4040	U
100-41-4	Ethylbenzene	4040	U
511-39-00	p,m-Xylene	11600	
95-47-6	o-Xylene	5450	
100-42-5	Styrene	4040	U
75-25-2	Bromoform	10100	U
98-82-8	Isopropylbenzene (Cumene)	1050	J
108-86-1	Bromobenzene	4040	U
79-34-5	1,1,2,2-Tetrachloroethane	4040	U
96-18-4	1,2,3-Trichloropropane	4040	U
103-65-1	n-Propylbenzene	4730	
95-49-8	2-Chlorotoluene	4040	U
106-43-4	4-Chlorotoluene	4040	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD147DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610DL1 Lab File ID: 46610D.D

Sample wt/vol: 0.99 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1118

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	11800	
98-06-6	tert-Butylbenzene	4040	U
95-63-6	1,2,4-Trimethylbenzene	92100	
135-98-8	sec-Butylbenzene	3380	J
541-73-1	1,3-Dichlorobenzene	4040	U
106-46-7	1,4-Dichlorobenzene	4040	U
99-87-6	4-Isopropyltoluene	27400	
104-51-8	n-Butylbenzene	45700	
95-50-1	1,2-Dichlorobenzene	4040	U
96-12-8	1,2-Dibromo-3-chloropropane	20200	U
120-82-1	1,2,4-Trichlorobenzene	4040	U
87-68-3	Hexachlorobutadiene	6060	U
91-20-3	Naphthalene	58500	
87-61-6	1,2,3-Trichlorobenzene	4040	U
1634-04-4	MTBE	4040	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD142

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611 Lab File ID: 46611.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1645

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	806	U
74-87-3	Chloromethane	806	U
75-01-4	Vinyl chloride	806	U
74-83-9	Bromomethane	806	U
75-00-3	Chloroethane	2020	U
75-69-4	Trichlorofluoromethane	806	U
75-35-4	1,1-Dichloroethene	806	U
107-02-8	Acrolein	10100	U
74-88-4	Methyl iodide	806	U
75-15-0	Carbon disulfide	806	U
75-09-2	Methylene chloride	2020	U
156-60-5	trans-1,2-Dichloroethene	806	U
107-13-1	Acrylonitrile	2020	U
75-34-3	1,1-Dichloroethane	806	U
67-64-1	Acetone	40800	
594-20-7	2,2-Dichloropropane	806	U
156-59-2	cis-1,2-Dichloroethene	806	U
74-97-5	Bromochloromethane	806	U
78-93-3	2-Butanone	14600	
67-66-3	Chloroform	806	U
71-55-6	1,1,1-Trichloroethane	806	U
56-23-5	Carbon tetrachloride	806	U
563-58-6	1,1-Dichloropropene	806	U
71-43-2	Benzene	806	U
107-06-2	1,2-Dichloroethane	806	U
79-01-6	Trichloroethene	806	U
108-05-4	Vinyl acetate	1610	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD142

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611 Lab File ID: 46611.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1645

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	806	U
74-95-3	Dibromomethane	806	U
75-27-4	Bromodichloromethane	806	U
10061-01-5	cis-1,3-Dichloropropene	806	U
108-10-1	4-Methyl-2-pentanone	1610	U
108-88-3	Toluene	806	U
10061-02-6	trans-1,3-Dichloropropene	806	U
79-00-5	1,1,2-Trichloroethane	806	U
127-18-4	Tetrachloroethene	2020	U
142-28-9	1,3-Dichloropropane	806	U
591-78-6	2-Hexanone	1610	U
124-48-1	Dibromochloromethane	806	U
106-93-4	1,2-Dibromoethane(EDB)	806	U
108-90-7	Chlorobenzene	806	U
630-20-6	1,1,1,2-Tetrachloroethane	806	U
100-41-4	Ethylbenzene	806	U
511-39-00	p,m-Xylene	677	J
95-47-6	o-Xylene	806	U
100-42-5	Styrene	806	U
75-25-2	Bromoform	2020	U
98-82-8	Isopropylbenzene (Cumene)	806	U
108-86-1	Bromobenzene	806	U
79-34-5	1,1,2,2-Tetrachloroethane	806	U
96-18-4	1,2,3-Trichloropropane	806	U
103-65-1	n-Propylbenzene	806	U
95-49-8	2-Chlorotoluene	806	U
106-43-4	4-Chlorotoluene	806	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD142

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611 Lab File ID: 46611.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1645

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	806	U
98-06-6	tert-Butylbenzene	806	U
95-63-6	1,2,4-Trimethylbenzene	806	U
135-98-8	sec-Butylbenzene	806	U
541-73-1	1,3-Dichlorobenzene	806	U
106-46-7	1,4-Dichlorobenzene	806	U
99-87-6	4-Isopropyltoluene	806	U
104-51-8	n-Butylbenzene	806	U
95-50-1	1,2-Dichlorobenzene	806	U
96-12-8	1,2-Dibromo-3-chloropropane	4030	U
120-82-1	1,2,4-Trichlorobenzene	806	U
87-68-3	Hexachlorobutadiene	1210	U
91-20-3	Naphthalene	806	U
87-61-6	1,2,3-Trichlorobenzene	806	U
1634-04-4	MTBE	806	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD142RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611RE1 Lab File ID: 46611R.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1310

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	806	U
74-87-3	Chloromethane	806	U
75-01-4	Vinyl chloride	806	U
74-83-9	Bromomethane	806	U
75-00-3	Chloroethane	2020	U
75-69-4	Trichlorofluoromethane	806	U
75-35-4	1,1-Dichloroethene	806	U
107-02-8	Acrolein	10100	U
74-88-4	Methyl iodide	806	U
75-15-0	Carbon disulfide	806	U
75-09-2	Methylene chloride	2020	U
156-60-5	trans-1,2-Dichloroethene	806	U
107-13-1	Acrylonitrile	2020	U
75-34-3	1,1-Dichloroethane	806	U
67-64-1	Acetone	51600	
594-20-7	2,2-Dichloropropane	806	U
156-59-2	cis-1,2-Dichloroethene	806	U
74-97-5	Bromochloromethane	806	U
78-93-3	2-Butanone	17800	
67-66-3	Chloroform	806	U
71-55-6	1,1,1-Trichloroethane	806	U
56-23-5	Carbon tetrachloride	806	U
563-58-6	1,1-Dichloropropene	806	U
71-43-2	Benzene	806	U
107-06-2	1,2-Dichloroethane	806	U
79-01-6	Trichloroethene	806	U
108-05-4	Vinyl acetate	1610	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD142RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611RE1 Lab File ID: 46611R.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1310

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	806	U
74-95-3	Dibromomethane	806	U
75-27-4	Bromodichloromethane	806	U
10061-01-5	cis-1,3-Dichloropropene	806	U
108-10-1	4-Methyl-2-pentanone	1610	U
108-88-3	Toluene	806	U
10061-02-6	trans-1,3-Dichloropropene	806	U
79-00-5	1,1,2-Trichloroethane	806	U
127-18-4	Tetrachloroethene	2020	U
142-28-9	1,3-Dichloropropane	806	U
591-78-6	2-Hexanone	1030	J
124-48-1	Dibromochloromethane	806	U
106-93-4	1,2-Dibromoethane(EDB)	806	U
108-90-7	Chlorobenzene	806	U
630-20-6	1,1,1,2-Tetrachloroethane	806	U
100-41-4	Ethylbenzene	806	U
511-39-00	p,m-Xylene	907	J
95-47-6	o-Xylene	806	U
100-42-5	Styrene	806	U
75-25-2	Bromoform	2020	U
98-82-8	Isopropylbenzene (Cumene)	806	U
108-86-1	Bromobenzene	806	U
79-34-5	1,1,2,2-Tetrachloroethane	806	U
96-18-4	1,2,3-Trichloropropane	806	U
103-65-1	n-Propylbenzene	806	U
95-49-8	2-Chlorotoluene	806	U
106-43-4	4-Chlorotoluene	806	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD142RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611RE1 Lab File ID: 46611R.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1310

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	806	U
98-06-6	tert-Butylbenzene	806	U
95-63-6	1,2,4-Trimethylbenzene	806	U
135-98-8	sec-Butylbenzene	806	U
541-73-1	1,3-Dichlorobenzene	806	U
106-46-7	1,4-Dichlorobenzene	806	U
99-87-6	4-Isopropyltoluene	806	U
104-51-8	n-Butylbenzene	806	U
95-50-1	1,2-Dichlorobenzene	806	U
96-12-8	1,2-Dibromo-3-chloropropane	4030	U
120-82-1	1,2,4-Trichlorobenzene	806	U
87-68-3	Hexachlorobutadiene	1210	U
91-20-3	Naphthalene	806	U
87-61-6	1,2,3-Trichlorobenzene	806	U
1634-04-4	MTBE	806	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD148

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746612 Lab File ID: 46612.D

Sample wt/vol: 1.83 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1712

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	546	U
74-87-3	Chloromethane	546	U
75-01-4	Vinyl chloride	546	U
74-83-9	Bromomethane	546	U
75-00-3	Chloroethane	1370	U
75-69-4	Trichlorofluoromethane	546	U
75-35-4	1,1-Dichloroethene	546	U
107-02-8	Acrolein	6830	U
74-88-4	Methyl iodide	546	U
75-15-0	Carbon disulfide	546	U
75-09-2	Methylene chloride	1370	U
156-60-5	trans-1,2-Dichloroethene	546	U
107-13-1	Acrylonitrile	1370	U
75-34-3	1,1-Dichloroethane	546	U
67-64-1	Acetone	2730	U
594-20-7	2,2-Dichloropropane	546	U
156-59-2	cis-1,2-Dichloroethene	546	U
74-97-5	Bromochloromethane	546	U
78-93-3	2-Butanone	2730	U
67-66-3	Chloroform	546	U
71-55-6	1,1,1-Trichloroethane	546	U
56-23-5	Carbon tetrachloride	546	U
563-58-6	1,1-Dichloropropene	546	U
71-43-2	Benzene	546	U
107-06-2	1,2-Dichloroethane	546	U
79-01-6	Trichloroethene	546	U
108-05-4	Vinyl acetate	1090	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD148

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746612 Lab File ID: 46612.D

Sample wt/vol: 1.83 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1712

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	546	U
74-95-3	Dibromomethane	546	U
75-27-4	Bromodichloromethane	546	U
10061-01-5	cis-1,3-Dichloropropene	546	U
108-10-1	4-Methyl-2-pentanone	1090	U
108-88-3	Toluene	546	U
10061-02-6	trans-1,3-Dichloropropene	546	U
79-00-5	1,1,2-Trichloroethane	546	U
127-18-4	Tetrachloroethene	1370	U
142-28-9	1,3-Dichloropropane	546	U
591-78-6	2-Hexanone	1090	U
124-48-1	Dibromochloromethane	546	U
106-93-4	1,2-Dibromoethane(EDB)	546	U
108-90-7	Chlorobenzene	546	U
630-20-6	1,1,1,2-Tetrachloroethane	546	U
100-41-4	Ethylbenzene	546	U
511-39-00	p,m-Xylene	1090	U
95-47-6	o-Xylene	546	U
100-42-5	Styrene	546	U
75-25-2	Bromoform	1370	U
98-82-8	Isopropylbenzene (Cumene)	546	U
108-86-1	Bromobenzene	546	U
79-34-5	1,1,2,2-Tetrachloroethane	546	U
96-18-4	1,2,3-Trichloropropane	546	U
103-65-1	n-Propylbenzene	546	U
95-49-8	2-Chlorotoluene	546	U
106-43-4	4-Chlorotoluene	546	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD148

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746612 Lab File ID: 46612.D

Sample wt/vol: 1.83 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1712

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	546	U
98-06-6	tert-Butylbenzene	546	U
95-63-6	1,2,4-Trimethylbenzene	546	U
135-98-8	sec-Butylbenzene	546	U
541-73-1	1,3-Dichlorobenzene	546	U
106-46-7	1,4-Dichlorobenzene	546	U
99-87-6	4-Isopropyltoluene	546	U
104-51-8	n-Butylbenzene	546	U
95-50-1	1,2-Dichlorobenzene	215	J
96-12-8	1,2-Dibromo-3-chloropropane	2730	U
120-82-1	1,2,4-Trichlorobenzene	546	U
87-68-3	Hexachlorobutadiene	820	U
91-20-3	Naphthalene	894	
87-61-6	1,2,3-Trichlorobenzene	546	U
1634-04-4	MTBE	546	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD136

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746613 Lab File ID: 46613.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0916

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	735	U
74-87-3	Chloromethane	735	U
75-01-4	Vinyl chloride	735	U
74-83-9	Bromomethane	735	U
75-00-3	Chloroethane	1840	U
75-69-4	Trichlorofluoromethane	735	U
75-35-4	1,1-Dichloroethene	735	U
107-02-8	Acrolein	9190	U
74-88-4	Methyl iodide	735	U
75-15-0	Carbon disulfide	735	U
75-09-2	Methylene chloride	1840	U
156-60-5	trans-1,2-Dichloroethene	735	U
107-13-1	Acrylonitrile	1840	U
75-34-3	1,1-Dichloroethane	735	U
67-64-1	Acetone	3680	U
594-20-7	2,2-Dichloropropane	735	U
156-59-2	cis-1,2-Dichloroethene	735	U
74-97-5	Bromochloromethane	735	U
78-93-3	2-Butanone	2420	J
67-66-3	Chloroform	735	U
71-55-6	1,1,1-Trichloroethane	735	U
56-23-5	Carbon tetrachloride	735	U
563-58-6	1,1-Dichloropropene	735	U
71-43-2	Benzene	735	U
107-06-2	1,2-Dichloroethane	735	U
79-01-6	Trichloroethene	735	U
108-05-4	Vinyl acetate	1470	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD136

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746613 Lab File ID: 46613.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0916

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	735	U
74-95-3	Dibromomethane	735	U
75-27-4	Bromodichloromethane	735	U
10061-01-5	cis-1,3-Dichloropropene	735	U
108-10-1	4-Methyl-2-pentanone	1470	U
108-88-3	Toluene	735	U
10061-02-6	trans-1,3-Dichloropropene	735	U
79-00-5	1,1,2-Trichloroethane	735	U
127-18-4	Tetrachloroethene	1840	U
142-28-9	1,3-Dichloropropane	735	U
591-78-6	2-Hexanone	1470	U
124-48-1	Dibromochloromethane	735	U
106-93-4	1,2-Dibromoethane(EDB)	735	U
108-90-7	Chlorobenzene	735	U
630-20-6	1,1,1,2-Tetrachloroethane	735	U
100-41-4	Ethylbenzene	735	U
511-39-00	p,m-Xylene	1470	U
95-47-6	o-Xylene	735	U
100-42-5	Styrene	735	U
75-25-2	Bromoform	1840	U
98-82-8	Isopropylbenzene (Cumene)	735	U
108-86-1	Bromobenzene	735	U
79-34-5	1,1,2,2-Tetrachloroethane	735	U
96-18-4	1,2,3-Trichloropropane	735	U
103-65-1	n-Propylbenzene	735	U
95-49-8	2-Chlorotoluene	735	U
106-43-4	4-Chlorotoluene	735	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD136

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746613 Lab File ID: 46613.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0916

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	735	U
98-06-6	tert-Butylbenzene	735	U
95-63-6	1,2,4-Trimethylbenzene	735	U
135-98-8	sec-Butylbenzene	735	U
541-73-1	1,3-Dichlorobenzene	735	U
106-46-7	1,4-Dichlorobenzene	735	U
99-87-6	4-Isopropyltoluene	735	U
104-51-8	n-Butylbenzene	735	U
95-50-1	1,2-Dichlorobenzene	735	U
96-12-8	1,2-Dibromo-3-chloropropane	3680	U
120-82-1	1,2,4-Trichlorobenzene	735	U
87-68-3	Hexachlorobutadiene	1100	U
91-20-3	Naphthalene	735	U
87-61-6	1,2,3-Trichlorobenzene	735	U
1634-04-4	MTBE	735	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746614 Lab File ID: 46614.D

Sample wt/vol: 1.58 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0943

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	633	U
74-87-3	Chloromethane	633	U
75-01-4	Vinyl chloride	633	U
74-83-9	Bromomethane	633	U
75-00-3	Chloroethane	1580	U
75-69-4	Trichlorofluoromethane	633	U
75-35-4	1,1-Dichloroethene	633	U
107-02-8	Acrolein	7910	U
74-88-4	Methyl iodide	633	U
75-15-0	Carbon disulfide	633	U
75-09-2	Methylene chloride	1580	U
156-60-5	trans-1,2-Dichloroethene	633	U
107-13-1	Acrylonitrile	1580	U
75-34-3	1,1-Dichloroethane	633	U
67-64-1	Acetone	3160	U
594-20-7	2,2-Dichloropropane	633	U
156-59-2	cis-1,2-Dichloroethene	633	U
74-97-5	Bromochloromethane	633	U
78-93-3	2-Butanone	3160	U
67-66-3	Chloroform	633	U
71-55-6	1,1,1-Trichloroethane	633	U
56-23-5	Carbon tetrachloride	633	U
563-58-6	1,1-Dichloropropene	633	U
71-43-2	Benzene	633	U
107-06-2	1,2-Dichloroethane	633	U
79-01-6	Trichloroethene	633	U
108-05-4	Vinyl acetate	1260	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746614 Lab File ID: 46614.D

Sample wt/vol: 1.58 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0943

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	633	U
74-95-3	Dibromomethane	633	U
75-27-4	Bromodichloromethane	633	U
10061-01-5	cis-1,3-Dichloropropene	633	U
108-10-1	4-Methyl-2-pentanone	1260	U
108-88-3	Toluene	633	U
10061-02-6	trans-1,3-Dichloropropene	633	U
79-00-5	1,1,2-Trichloroethane	633	U
127-18-4	Tetrachloroethene	1580	U
142-28-9	1,3-Dichloropropane	633	U
591-78-6	2-Hexanone	1260	U
124-48-1	Dibromochloromethane	633	U
106-93-4	1,2-Dibromoethane(EDB)	633	U
108-90-7	Chlorobenzene	633	U
630-20-6	1,1,1,2-Tetrachloroethane	633	U
100-41-4	Ethylbenzene	633	U
511-39-00	p,m-Xylene	1260	U
95-47-6	o-Xylene	633	U
100-42-5	Styrene	633	U
75-25-2	Bromoform	1580	U
98-82-8	Isopropylbenzene (Cumene)	633	U
108-86-1	Bromobenzene	633	U
79-34-5	1,1,2,2-Tetrachloroethane	633	U
96-18-4	1,2,3-Trichloropropane	633	U
103-65-1	n-Propylbenzene	633	U
95-49-8	2-Chlorotoluene	633	U
106-43-4	4-Chlorotoluene	633	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746614 Lab File ID: 46614.D

Sample wt/vol: 1.58 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0943

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	633	U
98-06-6	tert-Butylbenzene	633	U
95-63-6	1,2,4-Trimethylbenzene	633	U
135-98-8	sec-Butylbenzene	633	U
541-73-1	1,3-Dichlorobenzene	633	U
106-46-7	1,4-Dichlorobenzene	633	U
99-87-6	4-Isopropyltoluene	633	U
104-51-8	n-Butylbenzene	633	U
95-50-1	1,2-Dichlorobenzene	633	U
96-12-8	1,2-Dibromo-3-chloropropane	3160	U
120-82-1	1,2,4-Trichlorobenzene	633	U
87-68-3	Hexachlorobutadiene	949	U
91-20-3	Naphthalene	633	U
87-61-6	1,2,3-Trichlorobenzene	633	U
1634-04-4	MTBE	633	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD137

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615 Lab File ID: 46615.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1011

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	855	U
74-87-3	Chloromethane	855	U
75-01-4	Vinyl chloride	855	U
74-83-9	Bromomethane	855	U
75-00-3	Chloroethane	2140	U
75-69-4	Trichlorofluoromethane	855	U
75-35-4	1,1-Dichloroethene	855	U
107-02-8	Acrolein	10700	U
74-88-4	Methyl iodide	855	U
75-15-0	Carbon disulfide	855	U
75-09-2	Methylene chloride	2140	U
156-60-5	trans-1,2-Dichloroethene	855	U
107-13-1	Acrylonitrile	2140	U
75-34-3	1,1-Dichloroethane	855	U
67-64-1	Acetone	4270	U
594-20-7	2,2-Dichloropropane	855	U
156-59-2	cis-1,2-Dichloroethene	855	U
74-97-5	Bromochloromethane	855	U
78-93-3	2-Butanone	4270	U
67-66-3	Chloroform	855	U
71-55-6	1,1,1-Trichloroethane	855	U
56-23-5	Carbon tetrachloride	855	U
563-58-6	1,1-Dichloropropene	855	U
71-43-2	Benzene	855	U
107-06-2	1,2-Dichloroethane	855	U
79-01-6	Trichloroethene	855	U
108-05-4	Vinyl acetate	1710	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD137

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615 Lab File ID: 46615.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1011

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	855	U
74-95-3	Dibromomethane	855	U
75-27-4	Bromodichloromethane	855	U
10061-01-5	cis-1,3-Dichloropropene	855	U
108-10-1	4-Methyl-2-pentanone	1710	U
108-88-3	Toluene	440	J
10061-02-6	trans-1,3-Dichloropropene	855	U
79-00-5	1,1,2-Trichloroethane	855	U
127-18-4	Tetrachloroethene	2140	U
142-28-9	1,3-Dichloropropane	855	U
591-78-6	2-Hexanone	1710	U
124-48-1	Dibromochloromethane	855	U
106-93-4	1,2-Dibromoethane(EDB)	855	U
108-90-7	Chlorobenzene	855	U
630-20-6	1,1,1,2-Tetrachloroethane	855	U
100-41-4	Ethylbenzene	855	U
511-39-00	p,m-Xylene	99000	E
95-47-6	o-Xylene	855	U
100-42-5	Styrene	855	U
75-25-2	Bromoform	2140	U
98-82-8	Isopropylbenzene (Cumene)	855	U
108-86-1	Bromobenzene	855	U
79-34-5	1,1,2,2-Tetrachloroethane	855	U
96-18-4	1,2,3-Trichloropropane	855	U
103-65-1	n-Propylbenzene	855	U
95-49-8	2-Chlorotoluene	855	U
106-43-4	4-Chlorotoluene	855	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD137

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615 Lab File ID: 46615.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1011

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	855	U
98-06-6	tert-Butylbenzene	855	U
95-63-6	1,2,4-Trimethylbenzene	855	U
135-98-8	sec-Butylbenzene	855	U
541-73-1	1,3-Dichlorobenzene	855	U
106-46-7	1,4-Dichlorobenzene	855	U
99-87-6	4-Isopropyltoluene	855	U
104-51-8	n-Butylbenzene	855	U
95-50-1	1,2-Dichlorobenzene	855	U
96-12-8	1,2-Dibromo-3-chloropropane	4270	U
120-82-1	1,2,4-Trichlorobenzene	855	U
87-68-3	Hexachlorobutadiene	1280	U
91-20-3	Naphthalene	855	U
87-61-6	1,2,3-Trichlorobenzene	855	U
1634-04-4	MTBE	855	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD137DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615DL1 Lab File ID: 46615D.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1051

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	3420	U
74-87-3	Chloromethane	3420	U
75-01-4	Vinyl chloride	3420	U
74-83-9	Bromomethane	3420	U
75-00-3	Chloroethane	8550	U
75-69-4	Trichlorofluoromethane	3420	U
75-35-4	1,1-Dichloroethene	3420	U
107-02-8	Acrolein	42700	U
74-88-4	Methyl iodide	3420	U
75-15-0	Carbon disulfide	3420	U
75-09-2	Methylene chloride	8550	U
156-60-5	trans-1,2-Dichloroethene	3420	U
107-13-1	Acrylonitrile	8550	U
75-34-3	1,1-Dichloroethane	3420	U
67-64-1	Acetone	17100	U
594-20-7	2,2-Dichloropropane	3420	U
156-59-2	cis-1,2-Dichloroethene	3420	U
74-97-5	Bromochloromethane	3420	U
78-93-3	2-Butanone	17100	U
67-66-3	Chloroform	3420	U
71-55-6	1,1,1-Trichloroethane	3420	U
56-23-5	Carbon tetrachloride	3420	U
563-58-6	1,1-Dichloropropene	3420	U
71-43-2	Benzene	3420	U
107-06-2	1,2-Dichloroethane	3420	U
79-01-6	Trichloroethene	3420	U
108-05-4	Vinyl acetate	6840	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD137DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615DL1 Lab File ID: 46615D.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1051

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	3420	U
74-95-3	Dibromomethane	3420	U
75-27-4	Bromodichloromethane	3420	U
10061-01-5	cis-1,3-Dichloropropene	3420	U
108-10-1	4-Methyl-2-pentanone	6840	U
108-88-3	Toluene	3420	U
10061-02-6	trans-1,3-Dichloropropene	3420	U
79-00-5	1,1,2-Trichloroethane	3420	U
127-18-4	Tetrachloroethene	8550	U
142-28-9	1,3-Dichloropropane	3420	U
591-78-6	2-Hexanone	6840	U
124-48-1	Dibromochloromethane	3420	U
106-93-4	1,2-Dibromoethane(EDB)	3420	U
108-90-7	Chlorobenzene	3420	U
630-20-6	1,1,1,2-Tetrachloroethane	3420	U
100-41-4	Ethylbenzene	3420	U
511-39-00	p,m-Xylene	102000	
95-47-6	o-Xylene	3420	U
100-42-5	Styrene	3420	U
75-25-2	Bromoform	8550	U
98-82-8	Isopropylbenzene (Cumene)	3420	U
108-86-1	Bromobenzene	3420	U
79-34-5	1,1,2,2-Tetrachloroethane	3420	U
96-18-4	1,2,3-Trichloropropane	3420	U
103-65-1	n-Propylbenzene	3420	U
95-49-8	2-Chlorotoluene	3420	U
106-43-4	4-Chlorotoluene	3420	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD137DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615DL1 Lab File ID: 46615D.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1051

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	3420	U
98-06-6	tert-Butylbenzene	3420	U
95-63-6	1,2,4-Trimethylbenzene	3420	U
135-98-8	sec-Butylbenzene	3420	U
541-73-1	1,3-Dichlorobenzene	3420	U
106-46-7	1,4-Dichlorobenzene	3420	U
99-87-6	4-Isopropyltoluene	3420	U
104-51-8	n-Butylbenzene	3420	U
95-50-1	1,2-Dichlorobenzene	3420	U
96-12-8	1,2-Dibromo-3-chloropropane	17100	U
120-82-1	1,2,4-Trichlorobenzene	3420	U
87-68-3	Hexachlorobutadiene	5130	U
91-20-3	Naphthalene	3420	U
87-61-6	1,2,3-Trichlorobenzene	3420	U
1634-04-4	MTBE	3420	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746616 Lab File ID: 46616.D

Sample wt/vol: 1.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1242

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	649	U
74-87-3	Chloromethane	649	U
75-01-4	Vinyl chloride	649	U
74-83-9	Bromomethane	649	U
75-00-3	Chloroethane	1620	U
75-69-4	Trichlorofluoromethane	649	U
75-35-4	1,1-Dichloroethene	649	U
107-02-8	Acrolein	8120	U
74-88-4	Methyl iodide	649	U
75-15-0	Carbon disulfide	649	U
75-09-2	Methylene chloride	1620	U
156-60-5	trans-1,2-Dichloroethene	649	U
107-13-1	Acrylonitrile	1620	U
75-34-3	1,1-Dichloroethane	649	U
67-64-1	Acetone	3250	U
594-20-7	2,2-Dichloropropane	649	U
156-59-2	cis-1,2-Dichloroethene	649	U
74-97-5	Bromochloromethane	649	U
78-93-3	2-Butanone	3250	U
67-66-3	Chloroform	649	U
71-55-6	1,1,1-Trichloroethane	649	U
56-23-5	Carbon tetrachloride	649	U
563-58-6	1,1-Dichloropropene	649	U
71-43-2	Benzene	649	U
107-06-2	1,2-Dichloroethane	649	U
79-01-6	Trichloroethene	649	U
108-05-4	Vinyl acetate	1300	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746616 Lab File ID: 46616.D

Sample wt/vol: 1.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1242

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	649	U
74-95-3	Dibromomethane	649	U
75-27-4	Bromodichloromethane	649	U
10061-01-5	cis-1,3-Dichloropropene	649	U
108-10-1	4-Methyl-2-pentanone	1300	U
108-88-3	Toluene	399	J
10061-02-6	trans-1,3-Dichloropropene	649	U
79-00-5	1,1,2-Trichloroethane	649	U
127-18-4	Tetrachloroethene	1620	U
142-28-9	1,3-Dichloropropane	649	U
591-78-6	2-Hexanone	1300	U
124-48-1	Dibromochloromethane	649	U
106-93-4	1,2-Dibromoethane(EDB)	649	U
108-90-7	Chlorobenzene	649	U
630-20-6	1,1,1,2-Tetrachloroethane	649	U
100-41-4	Ethylbenzene	649	U
511-39-00	p,m-Xylene	1300	U
95-47-6	o-Xylene	649	U
100-42-5	Styrene	649	U
75-25-2	Bromoform	1620	U
98-82-8	Isopropylbenzene (Cumene)	649	U
108-86-1	Bromobenzene	649	U
79-34-5	1,1,2,2-Tetrachloroethane	649	U
96-18-4	1,2,3-Trichloropropane	649	U
103-65-1	n-Propylbenzene	649	U
95-49-8	2-Chlorotoluene	649	U
106-43-4	4-Chlorotoluene	649	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746616 Lab File ID: 46616.D

Sample wt/vol: 1.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1242

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	649	U
98-06-6	tert-Butylbenzene	649	U
95-63-6	1,2,4-Trimethylbenzene	649	U
135-98-8	sec-Butylbenzene	649	U
541-73-1	1,3-Dichlorobenzene	649	U
106-46-7	1,4-Dichlorobenzene	649	U
99-87-6	4-Isopropyltoluene	649	U
104-51-8	n-Butylbenzene	649	U
95-50-1	1,2-Dichlorobenzene	649	U
96-12-8	1,2-Dibromo-3-chloropropane	3250	U
120-82-1	1,2,4-Trichlorobenzene	649	U
87-68-3	Hexachlorobutadiene	974	U
91-20-3	Naphthalene	649	U
87-61-6	1,2,3-Trichlorobenzene	649	U
1634-04-4	MTBE	649	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617 Lab File ID: 46617.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1308

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	8060	U
74-87-3	Chloromethane	8060	U
75-01-4	Vinyl chloride	8060	U
74-83-9	Bromomethane	8060	U
75-00-3	Chloroethane	20200	U
75-69-4	Trichlorofluoromethane	8060	U
75-35-4	1,1-Dichloroethene	8060	U
107-02-8	Acrolein	101000	U
74-88-4	Methyl iodide	8060	U
75-15-0	Carbon disulfide	8060	U
75-09-2	Methylene chloride	20200	U
156-60-5	trans-1,2-Dichloroethene	8060	U
107-13-1	Acrylonitrile	20200	U
75-34-3	1,1-Dichloroethane	8060	U
67-64-1	Acetone	40300	U
594-20-7	2,2-Dichloropropane	8060	U
156-59-2	cis-1,2-Dichloroethene	8060	U
74-97-5	Bromochloromethane	8060	U
78-93-3	2-Butanone	40300	U
67-66-3	Chloroform	8060	U
71-55-6	1,1,1-Trichloroethane	8060	U
56-23-5	Carbon tetrachloride	8060	U
563-58-6	1,1-Dichloropropene	8060	U
71-43-2	Benzene	28800	
107-06-2	1,2-Dichloroethane	8060	U
79-01-6	Trichloroethene	8060	U
108-05-4	Vinyl acetate	16100	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617 Lab File ID: 46617.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1308

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	8060	U
74-95-3	Dibromomethane	8060	U
75-27-4	Bromodichloromethane	8060	U
10061-01-5	cis-1,3-Dichloropropene	8060	U
108-10-1	4-Methyl-2-pentanone	16100	U
108-88-3	Toluene	234000	
10061-02-6	trans-1,3-Dichloropropene	8060	U
79-00-5	1,1,2-Trichloroethane	8060	U
127-18-4	Tetrachloroethene	20200	U
142-28-9	1,3-Dichloropropane	8060	U
591-78-6	2-Hexanone	16100	U
124-48-1	Dibromochloromethane	8060	U
106-93-4	1,2-Dibromoethane(EDB)	8060	U
108-90-7	Chlorobenzene	8060	U
630-20-6	1,1,1,2-Tetrachloroethane	8060	U
100-41-4	Ethylbenzene	290000	
511-39-00	p,m-Xylene	830000	E
95-47-6	o-Xylene	435000	E
100-42-5	Styrene	8060	U
75-25-2	Bromoform	20200	U
98-82-8	Isopropylbenzene (Cumene)	165000	
108-86-1	Bromobenzene	8060	U
79-34-5	1,1,2,2-Tetrachloroethane	8060	U
96-18-4	1,2,3-Trichloropropane	8060	U
103-65-1	n-Propylbenzene	287000	
95-49-8	2-Chlorotoluene	8060	U
106-43-4	4-Chlorotoluene	8060	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617 Lab File ID: 46617.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1308

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	288000	
98-06-6	tert-Butylbenzene	8060	U
95-63-6	1,2,4-Trimethylbenzene	1300000	E
135-98-8	sec-Butylbenzene	426000	E
541-73-1	1,3-Dichlorobenzene	8060	U
106-46-7	1,4-Dichlorobenzene	8060	U
99-87-6	4-Isopropyltoluene	254000	
104-51-8	n-Butylbenzene	447000	E
95-50-1	1,2-Dichlorobenzene	8060	U
96-12-8	1,2-Dibromo-3-chloropropane	40300	U
120-82-1	1,2,4-Trichlorobenzene	8060	U
87-68-3	Hexachlorobutadiene	12100	U
91-20-3	Naphthalene	238000	
87-61-6	1,2,3-Trichlorobenzene	8060	U
1634-04-4	MTBE	8060	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD1DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617DL1 Lab File ID: 46617D.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1146

PercentSolids: 100 decanted : (Dilution Factor: 5000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	80600	U
74-87-3	Chloromethane	80600	U
75-01-4	Vinyl chloride	80600	U
74-83-9	Bromomethane	80600	U
75-00-3	Chloroethane	202000	U
75-69-4	Trichlorofluoromethane	80600	U
75-35-4	1,1-Dichloroethene	80600	U
107-02-8	Acrolein	1010000	U
74-88-4	Methyl iodide	80600	U
75-15-0	Carbon disulfide	80600	U
75-09-2	Methylene chloride	202000	U
156-60-5	trans-1,2-Dichloroethene	80600	U
107-13-1	Acrylonitrile	202000	U
75-34-3	1,1-Dichloroethane	80600	U
67-64-1	Acetone	403000	U
594-20-7	2,2-Dichloropropane	80600	U
156-59-2	cis-1,2-Dichloroethene	80600	U
74-97-5	Bromochloromethane	80600	U
78-93-3	2-Butanone	403000	U
67-66-3	Chloroform	80600	U
71-55-6	1,1,1-Trichloroethane	80600	U
56-23-5	Carbon tetrachloride	80600	U
563-58-6	1,1-Dichloropropene	80600	U
71-43-2	Benzene	25000	J
107-06-2	1,2-Dichloroethane	80600	U
79-01-6	Trichloroethene	80600	U
108-05-4	Vinyl acetate	161000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD1DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617DL1 Lab File ID: 46617D.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1146

PercentSolids: 100 decanted : (Dilution Factor: 5000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	80600	U
74-95-3	Dibromomethane	80600	U
75-27-4	Bromodichloromethane	80600	U
10061-01-5	cis-1,3-Dichloropropene	80600	U
108-10-1	4-Methyl-2-pentanone	161000	U
108-88-3	Toluene	203000	
10061-02-6	trans-1,3-Dichloropropene	80600	U
79-00-5	1,1,2-Trichloroethane	80600	U
127-18-4	Tetrachloroethene	202000	U
142-28-9	1,3-Dichloropropane	80600	U
591-78-6	2-Hexanone	161000	U
124-48-1	Dibromochloromethane	80600	U
106-93-4	1,2-Dibromoethane(EDB)	80600	U
108-90-7	Chlorobenzene	80600	U
630-20-6	1,1,1,2-Tetrachloroethane	80600	U
100-41-4	Ethylbenzene	251000	
511-39-00	p,m-Xylene	735000	
95-47-6	o-Xylene	414000	
100-42-5	Styrene	80600	U
75-25-2	Bromoform	202000	U
98-82-8	Isopropylbenzene (Cumene)	169000	
108-86-1	Bromobenzene	80600	U
79-34-5	1,1,2,2-Tetrachloroethane	80600	U
96-18-4	1,2,3-Trichloropropane	80600	U
103-65-1	n-Propylbenzene	292000	
95-49-8	2-Chlorotoluene	80600	U
106-43-4	4-Chlorotoluene	80600	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD1DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617DL1 Lab File ID: 46617D.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1146

PercentSolids: 100 decanted : (Dilution Factor: 5000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	321000	
98-06-6	tert-Butylbenzene	80600	U
95-63-6	1,2,4-Trimethylbenzene	1460000	
135-98-8	sec-Butylbenzene	400000	
541-73-1	1,3-Dichlorobenzene	80600	U
106-46-7	1,4-Dichlorobenzene	80600	U
99-87-6	4-Isopropyltoluene	226000	
104-51-8	n-Butylbenzene	406000	
95-50-1	1,2-Dichlorobenzene	80600	U
96-12-8	1,2-Dibromo-3-chloropropane	403000	U
120-82-1	1,2,4-Trichlorobenzene	80600	U
87-68-3	Hexachlorobutadiene	121000	U
91-20-3	Naphthalene	287000	
87-61-6	1,2,3-Trichlorobenzene	80600	U
1634-04-4	MTBE	80600	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618 Lab File ID: 46618.D

Sample wt/vol: 1.47 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1241

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	680	U
74-87-3	Chloromethane	680	U
75-01-4	Vinyl chloride	680	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1700	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	680	U
107-02-8	Acrolein	8500	U
74-88-4	Methyl iodide	680	U
75-15-0	Carbon disulfide	680	U
75-09-2	Methylene chloride	1700	U
156-60-5	trans-1,2-Dichloroethene	680	U
107-13-1	Acrylonitrile	1700	U
75-34-3	1,1-Dichloroethane	680	U
67-64-1	Acetone	377000	E
594-20-7	2,2-Dichloropropane	680	U
156-59-2	cis-1,2-Dichloroethene	680	U
74-97-5	Bromochloromethane	680	U
78-93-3	2-Butanone	12500	
67-66-3	Chloroform	680	U
71-55-6	1,1,1-Trichloroethane	680	U
56-23-5	Carbon tetrachloride	680	U
563-58-6	1,1-Dichloropropene	680	U
71-43-2	Benzene	680	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	680	U
108-05-4	Vinyl acetate	1360	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618 Lab File ID: 46618.D

Sample wt/vol: 1.47 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1241

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	680	U
74-95-3	Dibromomethane	680	U
75-27-4	Bromodichloromethane	680	U
10061-01-5	cis-1,3-Dichloropropene	680	U
108-10-1	4-Methyl-2-pentanone	41000	
108-88-3	Toluene	863	
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	1700	U
142-28-9	1,3-Dichloropropane	680	U
591-78-6	2-Hexanone	1360	U
124-48-1	Dibromochloromethane	680	U
106-93-4	1,2-Dibromoethane(EDB)	680	U
108-90-7	Chlorobenzene	680	U
630-20-6	1,1,1,2-Tetrachloroethane	680	U
100-41-4	Ethylbenzene	680	U
511-39-00	p,m-Xylene	1360	U
95-47-6	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	1700	U
98-82-8	Isopropylbenzene (Cumene)	680	U
108-86-1	Bromobenzene	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U
96-18-4	1,2,3-Trichloropropane	680	U
103-65-1	n-Propylbenzene	680	U
95-49-8	2-Chlorotoluene	680	U
106-43-4	4-Chlorotoluene	680	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618 Lab File ID: 46618.D

Sample wt/vol: 1.47 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1241

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	680	U
98-06-6	tert-Butylbenzene	680	U
95-63-6	1,2,4-Trimethylbenzene	680	U
135-98-8	sec-Butylbenzene	680	U
541-73-1	1,3-Dichlorobenzene	680	U
106-46-7	1,4-Dichlorobenzene	680	U
99-87-6	4-Isopropyltoluene	680	U
104-51-8	n-Butylbenzene	680	U
95-50-1	1,2-Dichlorobenzene	680	U
96-12-8	1,2-Dibromo-3-chloropropane	3400	U
120-82-1	1,2,4-Trichlorobenzene	680	U
87-68-3	Hexachlorobutadiene	1020	U
91-20-3	Naphthalene	680	U
87-61-6	1,2,3-Trichlorobenzene	680	U
1634-04-4	MTBE	680	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD2DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618DL1 Lab File ID: 46618D.D

Sample wt/vol: 1.47 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1213

PercentSolids: 100 decanted : (Dilution Factor: 2000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	27200	U
74-87-3	Chloromethane	27200	U
75-01-4	Vinyl chloride	27200	U
74-83-9	Bromomethane	27200	U
75-00-3	Chloroethane	68000	U
75-69-4	Trichlorofluoromethane	27200	U
75-35-4	1,1-Dichloroethene	27200	U
107-02-8	Acrolein	340000	U
74-88-4	Methyl iodide	27200	U
75-15-0	Carbon disulfide	27200	U
75-09-2	Methylene chloride	68000	U
156-60-5	trans-1,2-Dichloroethene	27200	U
107-13-1	Acrylonitrile	68000	U
75-34-3	1,1-Dichloroethane	27200	U
67-64-1	Acetone	283000	
594-20-7	2,2-Dichloropropane	27200	U
156-59-2	cis-1,2-Dichloroethene	27200	U
74-97-5	Bromochloromethane	27200	U
78-93-3	2-Butanone	136000	U
67-66-3	Chloroform	27200	U
71-55-6	1,1,1-Trichloroethane	27200	U
56-23-5	Carbon tetrachloride	27200	U
563-58-6	1,1-Dichloropropene	27200	U
71-43-2	Benzene	27200	U
107-06-2	1,2-Dichloroethane	27200	U
79-01-6	Trichloroethene	27200	U
108-05-4	Vinyl acetate	54400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD2DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618DL1 Lab File ID: 46618D.D

Sample wt/vol: 1.47 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1213

PercentSolids: 100 decanted : (Dilution Factor: 2000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	27200	U
74-95-3	Dibromomethane	27200	U
75-27-4	Bromodichloromethane	27200	U
10061-01-5	cis-1,3-Dichloropropene	27200	U
108-10-1	4-Methyl-2-pentanone	41900	J
108-88-3	Toluene	27200	U
10061-02-6	trans-1,3-Dichloropropene	27200	U
79-00-5	1,1,2-Trichloroethane	27200	U
127-18-4	Tetrachloroethene	68000	U
142-28-9	1,3-Dichloropropane	27200	U
591-78-6	2-Hexanone	54400	U
124-48-1	Dibromochloromethane	27200	U
106-93-4	1,2-Dibromoethane(EDB)	27200	U
108-90-7	Chlorobenzene	27200	U
630-20-6	1,1,1,2-Tetrachloroethane	27200	U
100-41-4	Ethylbenzene	27200	U
511-39-00	p,m-Xylene	54400	U
95-47-6	o-Xylene	27200	U
100-42-5	Styrene	27200	U
75-25-2	Bromoform	68000	U
98-82-8	Isopropylbenzene (Cumene)	27200	U
108-86-1	Bromobenzene	27200	U
79-34-5	1,1,2,2-Tetrachloroethane	27200	U
96-18-4	1,2,3-Trichloropropane	27200	U
103-65-1	n-Propylbenzene	27200	U
95-49-8	2-Chlorotoluene	27200	U
106-43-4	4-Chlorotoluene	27200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD2DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618DL1 Lab File ID: 46618D.D

Sample wt/vol: 1.47 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1213

PercentSolids: 100 decanted : (Dilution Factor: 2000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	27200	U
98-06-6	tert-Butylbenzene	27200	U
95-63-6	1,2,4-Trimethylbenzene	27200	U
135-98-8	sec-Butylbenzene	27200	U
541-73-1	1,3-Dichlorobenzene	27200	U
106-46-7	1,4-Dichlorobenzene	27200	U
99-87-6	4-Isopropyltoluene	27200	U
104-51-8	n-Butylbenzene	27200	U
95-50-1	1,2-Dichlorobenzene	27200	U
96-12-8	1,2-Dibromo-3-chloropropane	136000	U
120-82-1	1,2,4-Trichlorobenzene	27200	U
87-68-3	Hexachlorobutadiene	40800	U
91-20-3	Naphthalene	27200	U
87-61-6	1,2,3-Trichlorobenzene	27200	U
1634-04-4	MTBE	27200	U

QC Summary

130907 1335

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082907BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 082907BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082907BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 082907BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0913

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082907BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 082907BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 083007BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 0905

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 083007BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 0905

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 083007BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 0905

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 090507BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0848

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 090507BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0848

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 090507BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 0848

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082907LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1570	78.5		30.0	45 - 128
Chloromethane	2000	1490	74.5		30.0	70 - 130
Vinyl chloride	2000	1620	81.0		30.0	70 - 130
Bromomethane	2000	2460	123.0		30.0	39 - 148
Chloroethane	2000	1700	85.0		30.0	55 - 139
Trichlorofluoromethane	2000	1930	96.5		30.0	70 - 130
1,1-Dichloroethene	2000	2020	101.0		30.0	70 - 130
Acrolein	6000	4950	82.5		30.0	69 - 130
Methyl iodide	2000	2220	111.0		30.0	55 - 133
Carbon disulfide	2000	2080	104.0		30.0	65 - 130
Methylene chloride	2000	2130	106.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2070	104.0		30.0	70 - 130
Acrylonitrile	6000	5690	94.8		30.0	70 - 130
1,1-Dichloroethane	2000	1980	99.0		30.0	70 - 130
Acetone	6000	5530	92.2		30.0	58 - 133
2,2-Dichloropropane	2000	2360	118.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2000	100.0		30.0	70 - 130
Bromochloromethane	2000	1990	99.5		30.0	70 - 130
2-Butanone	6000	6210	104.0		30.0	70 - 130
Chloroform	2000	2070	104.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2050	102.0		30.0	70 - 130
Carbon tetrachloride	2000	2080	104.0		30.0	70 - 130
1,1-Dichloropropene	2000	2000	100.0		30.0	70 - 130
Benzene	2000	2000	100.0		30.0	70 - 130
1,2-Dichloroethane	2000	1960	98.0		30.0	70 - 130
Trichloroethene	2000	2120	106.0		30.0	70 - 130
Vinyl acetate	2000	2070	104.0		30.0	70 - 130
1,2-Dichloropropane	2000	2020	101.0		30.0	70 - 130
Dibromomethane	2000	2060	103.0		30.0	70 - 130
Bromodichloromethane	2000	2050	102.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2200	110.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5620	93.7		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1335

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082907LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2040	102.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2180	109.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2060	103.0		30.0	70 - 130
Tetrachloroethene	2000	2070	104.0		30.0	70 - 130
1,3-Dichloropropane	2000	1980	99.0		30.0	70 - 130
2-Hexanone	6000	5790	96.5		30.0	70 - 130
Dibromochloromethane	2000	1880	94.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2030	102.0		30.0	70 - 130
Chlorobenzene	2000	1940	97.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1820	91.0		30.0	70 - 130
Ethylbenzene	2000	2080	104.0		30.0	70 - 130
p,m-Xylene	4000	3940	98.5		30.0	70 - 130
o-Xylene	2000	1920	96.0		30.0	70 - 130
Styrene	2000	2000	100.0		30.0	70 - 130
Bromoform	2000	1820	91.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2010	100.0		30.0	70 - 130
Bromobenzene	2000	2150	108.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1980	99.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	1860	93.0		30.0	70 - 130
n-Propylbenzene	2000	1960	98.0		30.0	70 - 130
2-Chlorotoluene	2000	1920	96.0		30.0	70 - 130
4-Chlorotoluene	2000	2050	102.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1990	99.5		30.0	70 - 130
tert-Butylbenzene	2000	2050	102.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2000	100.0		30.0	70 - 130
sec-Butylbenzene	2000	1900	95.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
4-Isopropyltoluene	2000	1980	99.0		30.0	70 - 130
n-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2050	102.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2130	106.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1335

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082907LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1990	99.5		30.0	65 - 130
Hexachlorobutadiene	2000	1770	88.5		30.0	70 - 130
Naphthalene	2000	1880	94.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1960	98.0		30.0	70 - 130
MTBE	2000	2280	114.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1335

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 083007LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1660	83.0		30.0	45 - 128
Chloromethane	2000	1660	83.0		30.0	70 - 130
Vinyl chloride	2000	1670	83.5		30.0	70 - 130
Bromomethane	2000	2570	128.0		30.0	39 - 148
Chloroethane	2000	1920	96.0		30.0	55 - 139
Trichlorofluoromethane	2000	2000	100.0		30.0	70 - 130
1,1-Dichloroethene	2000	1880	94.0		30.0	70 - 130
Acrolein	6000	5490	91.5		30.0	69 - 130
Methyl iodide	2000	2100	105.0		30.0	55 - 133
Carbon disulfide	2000	2110	106.0		30.0	65 - 130
Methylene chloride	2000	1980	99.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	1840	92.0		30.0	70 - 130
Acrylonitrile	6000	5610	93.5		30.0	70 - 130
1,1-Dichloroethane	2000	1940	97.0		30.0	70 - 130
Acetone	6000	7880	131.0		30.0	58 - 133
2,2-Dichloropropane	2000	2260	113.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2050	102.0		30.0	70 - 130
Bromochloromethane	2000	1950	97.5		30.0	70 - 130
2-Butanone	6000	5820	97.0		30.0	70 - 130
Chloroform	2000	1960	98.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1980	99.0		30.0	70 - 130
Carbon tetrachloride	2000	2070	104.0		30.0	70 - 130
1,1-Dichloropropene	2000	1910	95.5		30.0	70 - 130
Benzene	2000	1960	98.0		30.0	70 - 130
1,2-Dichloroethane	2000	1890	94.5		30.0	70 - 130
Trichloroethene	2000	2010	100.0		30.0	70 - 130
Vinyl acetate	2000	2040	102.0		30.0	70 - 130
1,2-Dichloropropane	2000	2060	103.0		30.0	70 - 130
Dibromomethane	2000	1940	97.0		30.0	70 - 130
Bromodichloromethane	2000	2040	102.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2160	108.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5690	94.8		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1335

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 083007LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	1960	98.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2270	114.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	1940	97.0		30.0	70 - 130
Tetrachloroethene	2000	1790	89.5		30.0	70 - 130
1,3-Dichloropropane	2000	1930	96.5		30.0	70 - 130
2-Hexanone	6000	6180	103.0		30.0	70 - 130
Dibromochloromethane	2000	1950	97.5		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2000	100.0		30.0	70 - 130
Chlorobenzene	2000	2020	101.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1870	93.5		30.0	70 - 130
Ethylbenzene	2000	2030	102.0		30.0	70 - 130
p,m-Xylene	4000	3940	98.5		30.0	70 - 130
o-Xylene	2000	1910	95.5		30.0	70 - 130
Styrene	2000	2180	109.0		30.0	70 - 130
Bromoform	2000	1900	95.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1900	95.0		30.0	70 - 130
Bromobenzene	2000	1990	99.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1690	84.5		30.0	70 - 130
1,2,3-Trichloropropane	2000	1690	84.5		30.0	70 - 130
n-Propylbenzene	2000	1900	95.0		30.0	70 - 130
2-Chlorotoluene	2000	1940	97.0		30.0	70 - 130
4-Chlorotoluene	2000	2030	102.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1930	96.5		30.0	70 - 130
tert-Butylbenzene	2000	2040	102.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2000	100.0		30.0	70 - 130
sec-Butylbenzene	2000	1840	92.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2030	102.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	2000	100.0		30.0	70 - 130
4-Isopropyltoluene	2000	1960	98.0		30.0	70 - 130
n-Butylbenzene	2000	1880	94.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2070	104.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1600	80.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1335

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 083007LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1930	96.5		30.0	65 - 130
Hexachlorobutadiene	2000	2120	106.0		30.0	70 - 130
Naphthalene	2000	1920	96.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1870	93.5		30.0	70 - 130
MTBE	2000	2220	111.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1335

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

083007LCSA22D

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1810	90.5	8.6	30.0	45 - 128
Chloromethane	2000	1720	86.0	3.6	30.0	70 - 130
Vinyl chloride	2000	1880	94.0	11.8	30.0	70 - 130
Bromomethane	2000	2360	118.0	8.5	30.0	39 - 148
Chloroethane	2000	1980	99.0	3.1	30.0	55 - 139
Trichlorofluoromethane	2000	1990	99.5	0.5	30.0	70 - 130
1,1-Dichloroethene	2000	1850	92.5	1.6	30.0	70 - 130
Acrolein	6000	5500	91.7	0.2	30.0	69 - 130
Methyl iodide	2000	2160	108.0	2.8	30.0	55 - 133
Carbon disulfide	2000	2040	102.0	3.4	30.0	65 - 130
Methylene chloride	2000	1930	96.5	2.6	30.0	70 - 130
trans-1,2-Dichloroethene	2000	1870	93.5	1.6	30.0	70 - 130
Acrylonitrile	6000	5950	99.2	5.9	30.0	70 - 130
1,1-Dichloroethane	2000	1960	98.0	1.0	30.0	70 - 130
Acetone	6000	8560	143.0 *	8.3	30.0	58 - 133
2,2-Dichloropropane	2000	2280	114.0	0.9	30.0	70 - 130
cis-1,2-Dichloroethene	2000	2060	103.0	0.5	30.0	70 - 130
Bromochloromethane	2000	1980	99.0	1.5	30.0	70 - 130
2-Butanone	6000	8250	138.0 *	34.5 *	30.0	70 - 130
Chloroform	2000	2080	104.0	5.9	30.0	70 - 130
1,1,1-Trichloroethane	2000	2020	101.0	2.0	30.0	70 - 130
Carbon tetrachloride	2000	2090	104.0	1.0	30.0	70 - 130
1,1-Dichloropropene	2000	1970	98.5	3.1	30.0	70 - 130
Benzene	2000	1980	99.0	1.0	30.0	70 - 130
1,2-Dichloroethane	2000	1960	98.0	3.6	30.0	70 - 130
Trichloroethene	2000	2060	103.0	2.5	30.0	70 - 130
Vinyl acetate	2000	2090	104.0	2.4	30.0	70 - 130
1,2-Dichloropropane	2000	2120	106.0	2.9	30.0	70 - 130
Dibromomethane	2000	1900	95.0	2.1	30.0	70 - 130
Bromodichloromethane	2000	2100	105.0	2.9	30.0	70 - 130
cis-1,3-Dichloropropene	2000	2190	110.0	1.4	30.0	70 - 130
4-Methyl-2-pentanone	6000	5940	99.0	4.3	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1335

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 083007LCSA22D

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2020	101.0	3.0	30.0	70 - 130
trans-1,3-Dichloropropene	2000	2210	110.0	2.7	30.0	70 - 130
1,1,2-Trichloroethane	2000	2000	100.0	3.0	30.0	70 - 130
Tetrachloroethene	2000	1930	96.5	7.5	30.0	70 - 130
1,3-Dichloropropane	2000	1830	91.5	5.3	30.0	70 - 130
2-Hexanone	6000	6290	105.0	1.8	30.0	70 - 130
Dibromochloromethane	2000	1910	95.5	2.1	30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1930	96.5	3.6	30.0	70 - 130
Chlorobenzene	2000	2010	100.0	0.5	30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1940	97.0	3.7	30.0	70 - 130
Ethylbenzene	2000	2020	101.0	0.5	30.0	70 - 130
p,m-Xylene	4000	3940	98.5	0.0	30.0	70 - 130
o-Xylene	2000	1910	95.5	0.0	30.0	70 - 130
Styrene	2000	2280	114.0	4.5	30.0	70 - 130
Bromoform	2000	1800	90.0	5.4	30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1940	97.0	2.1	30.0	70 - 130
Bromobenzene	2000	2030	102.0	2.0	30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1730	86.5	2.3	30.0	70 - 130
1,2,3-Trichloropropane	2000	1700	85.0	0.6	30.0	70 - 130
n-Propylbenzene	2000	1880	94.0	1.1	30.0	70 - 130
2-Chlorotoluene	2000	1910	95.5	1.6	30.0	70 - 130
4-Chlorotoluene	2000	2000	100.0	1.5	30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1960	98.0	1.5	30.0	70 - 130
tert-Butylbenzene	2000	2010	100.0	1.5	30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2000	100.0	0.0	30.0	70 - 130
sec-Butylbenzene	2000	1820	91.0	1.1	30.0	70 - 130
1,3-Dichlorobenzene	2000	1930	96.5	5.1	30.0	70 - 130
1,4-Dichlorobenzene	2000	1910	95.5	4.6	30.0	70 - 130
4-Isopropyltoluene	2000	1940	97.0	1.0	30.0	70 - 130
n-Butylbenzene	2000	1870	93.5	0.5	30.0	70 - 130
1,2-Dichlorobenzene	2000	1980	99.0	4.4	30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1780	89.0	10.7	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

130907 1335

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 083007LCSA22D

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1940	97.0	0.5	30.0	65 - 130
Hexachlorobutadiene	2000	1750	87.5	19.1	30.0	70 - 130
Naphthalene	2000	1970	98.5	2.6	30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1950	97.5	4.2	30.0	70 - 130
MTBE	2000	2250	112.0	1.3	30.0	70 - 130

Spike Recovery: 2 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1335

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090507LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1950	97.5		30.0	45 - 128
Chloromethane	2000	1780	89.0		30.0	70 - 130
Vinyl chloride	2000	1730	86.5		30.0	70 - 130
Bromomethane	2000	1980	99.0		30.0	39 - 148
Chloroethane	2000	1970	98.5		30.0	55 - 139
Trichlorofluoromethane	2000	2100	105.0		30.0	70 - 130
1,1-Dichloroethene	2000	1940	97.0		30.0	70 - 130
Acrolein	6000	6140	102.0		30.0	69 - 130
Methyl iodide	2000	1980	99.0		30.0	55 - 133
Carbon disulfide	2000	2060	103.0		30.0	65 - 130
Methylene chloride	2000	2140	107.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2050	102.0		30.0	70 - 130
Acrylonitrile	6000	5850	97.5		30.0	70 - 130
1,1-Dichloroethane	2000	2060	103.0		30.0	70 - 130
Acetone	6000	5760	96.0		30.0	58 - 133
2,2-Dichloropropane	2000	2130	106.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	1960	98.0		30.0	70 - 130
Bromochloromethane	2000	2080	104.0		30.0	70 - 130
2-Butanone	6000	5440	90.7		30.0	70 - 130
Chloroform	2000	2050	102.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1900	95.0		30.0	70 - 130
Carbon tetrachloride	2000	1950	97.5		30.0	70 - 130
1,1-Dichloropropene	2000	1990	99.5		30.0	70 - 130
Benzene	2000	1980	99.0		30.0	70 - 130
1,2-Dichloroethane	2000	2140	107.0		30.0	70 - 130
Trichloroethene	2000	2070	104.0		30.0	70 - 130
Vinyl acetate	2000	2060	103.0		30.0	70 - 130
1,2-Dichloropropane	2000	2060	103.0		30.0	70 - 130
Dibromomethane	2000	2110	106.0		30.0	70 - 130
Bromodichloromethane	2000	2150	108.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2150	108.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5730	95.5		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1335

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090507LCSA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	1970	98.5		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2140	107.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2120	106.0		30.0	70 - 130
Tetrachloroethene	2000	2200	110.0		30.0	70 - 130
1,3-Dichloropropane	2000	2010	100.0		30.0	70 - 130
2-Hexanone	6000	5530	92.2		30.0	70 - 130
Dibromochloromethane	2000	1980	99.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1940	97.0		30.0	70 - 130
Chlorobenzene	2000	1950	97.5		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2180	109.0		30.0	70 - 130
Ethylbenzene	2000	1920	96.0		30.0	70 - 130
p,m-Xylene	4000	3940	98.5		30.0	70 - 130
o-Xylene	2000	1980	99.0		30.0	70 - 130
Styrene	2000	2030	102.0		30.0	70 - 130
Bromoform	2000	1970	98.5		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1990	99.5		30.0	70 - 130
Bromobenzene	2000	1980	99.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1940	97.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2250	112.0		30.0	70 - 130
n-Propylbenzene	2000	1950	97.5		30.0	70 - 130
2-Chlorotoluene	2000	2010	100.0		30.0	70 - 130
4-Chlorotoluene	2000	2080	104.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2060	103.0		30.0	70 - 130
tert-Butylbenzene	2000	2000	100.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2020	101.0		30.0	70 - 130
sec-Butylbenzene	2000	2040	102.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2010	100.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1990	99.5		30.0	70 - 130
4-Isopropyltoluene	2000	2070	104.0		30.0	70 - 130
n-Butylbenzene	2000	2020	101.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	1950	97.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2080	104.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1335

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090507LCSA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	2050	102.0		30.0	65 - 130
Hexachlorobutadiene	2000	1890	94.5		30.0	70 - 130
Naphthalene	2000	1950	97.5		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2110	106.0		30.0	70 - 130
MTBE	2000	2160	108.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1335

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

130907 1336

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 2,6-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Nitroaniline, 4-Nitrophenol, bis(2-ethylhexyl)phthalate, Di-n-octylphthalate.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

B. Blanks:

All acceptance criteria were met with the exception of:
Blank 3428BLK was analyzed with the soil samples extracted on 09/07/07. The following analyte(s) were detected below RL: bis(2-ethylhexyl)phthalate at 9900 UG/KG.
Since this is a common laboratory contaminant and it is found less than the reporting limit, no further action was taken.
Samples coded accordingly.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD1 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 7.4 % with criteria of (19-122).

Sample NPPD136 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 8.5 % with criteria of (25-121).

Sample NPPD148 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 12.2 % with criteria of (25-121).

Sample NPPD17 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 18.7 % with criteria of (19-122).

Sample NPPD178 was recovered below criteria for the following surrogate(s): 2-Fluorobiphenyl at 28.8 % with criteria of (30-115).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutins required for analysis.

The following samples had surrogates that were diluted out: NPPD136 NPPD137 NPPD142 NPPD147 NPPD148 NPPD170 NPPD171 NPPD172 NPPD175 NPPD176 NPPD178 NPPD180 NPPD181 NPPD2 NPPD20 NPPD3

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3428LCS was analyzed with the soil samples extracted on 09/07/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149). and the following analyte(s) were recovered above criteria: 1,4-Dichlorobenzene at 108 % with criteria of (62-105), 2-Methylnaphthalene at 109 % with criteria of (72-105), 4-Chlorophenyl-phenylether at 117 % with criteria of (65-110), Dibenzofuran at 106 % with criteria of (75-105), Hexachloroethane at 114 % with criteria of (65-110), Naphthalene at 108 % with criteria of (67-105), N-Nitroso-di-n-propylamine at 118 % with criteria of (59-115). The following analyte(s)

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

had marginal exceedance limit failures: 1,2-Dichlorobenzene at 106 % with criteria of (60-100), 1,3-Dichlorobenzene at 110 % with criteria of (61.5-105.5), 2,2-Oxybis(1-chloropropane) at 128 % with criteria of (41.5-125.5), Benzoic acid at 129 % with criteria of (0-122), Bis(2-Chloroethyl)ether at 114 % with criteria of (53.7-112.3), Isophorone at 118 % with criteria of (62.2-116.8).

The recoveries are directly related to the final volume adjustment of 10 mL for the LCS to demonstrate recoveries that would be found in the samples.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
The following samples were analyzed at a 1:10 dilution due to non-target analyte interferences.
Sample NPPD1
Sample NPPD136
Sample NPPD137
Sample NPPD142
Sample NPPD147
Sample NPPD148
Sample NPPD17
Sample NPPD170
Sample NPPD171
Sample NPPD172
Sample NPPD175
Sample NPPD176
Sample NPPD178
Sample NPPD180
Sample NPPD181
Sample NPPD2
Sample NPPD20
Sample NPPD3

All samples were only brought to a final volume of 10mL due to the nature of the samples.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/11/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Method: 8270

EPA Sample No	Lab Sample ID
NPPD17	250746601
NPPD181	250746602
NPPD180	250746603
NPPD171	250746604
NPPD176	250746605
NPPD175	250746606
NPPD170	250746607
NPPD172	250746608
NPPD178	250746609
NPPD147	250746610
NPPD142	250746611
NPPD148	250746612
NPPD136	250746613
NPPD20	250746614
NPPD137	250746615
NPPD3	250746616
NPPD1	250746617
NPPD2	250746618

130907 1336

Sample Data

130907 1336

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746601 Lab File ID: 466-01DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1332

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746601 Lab File ID: 466-01DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1332

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746601 Lab File ID: 466-01DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1332

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD181

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746602 Lab File ID: 466-02DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1402

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	67500	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD181

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746602 Lab File ID: 466-02DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1402

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD181

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746602 Lab File ID: 466-02DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1402

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD180

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746603 Lab File ID: 466-03DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1432

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	75800	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD180

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746603 Lab File ID: 466-03DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1432

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD180

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746603 Lab File ID: 466-03DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1432

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD171

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746604 Lab File ID: 466-04DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1632

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	432000	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD171

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746604 Lab File ID: 466-04DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1632

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD171

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746604 Lab File ID: 466-04DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1632

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD176

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746605 Lab File ID: 466-05DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1702

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD176

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746605 Lab File ID: 466-05DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1702

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD176

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746605 Lab File ID: 466-05DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1702

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD175

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746606 Lab File ID: 466-06DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1732

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD175

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746606 Lab File ID: 466-06DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1732

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD175

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746606 Lab File ID: 466-06DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1732

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD170

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746607 Lab File ID: 466-07DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1802

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD170

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746607 Lab File ID: 466-07DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1802

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD170

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746607 Lab File ID: 466-07DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1802

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD172

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746608 Lab File ID: 466-08DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1832

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD172

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746608 Lab File ID: 466-08DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1832

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD172

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746608 Lab File ID: 466-08DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1832

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD178

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746609 Lab File ID: 466-09DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1902

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD178

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746609 Lab File ID: 466-09DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1902

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD178

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746609 Lab File ID: 466-09DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1902

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD147

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610 Lab File ID: 466-10DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1931

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD147

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610 Lab File ID: 466-10DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1931

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD147

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610 Lab File ID: 466-10DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1931

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD142

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611 Lab File ID: 466-11DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2001

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD142

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611 Lab File ID: 466-11DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2001

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD142

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611 Lab File ID: 466-11DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2001

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD148

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746612 Lab File ID: 466-12DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2031

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD148

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746612 Lab File ID: 466-12DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2031

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD148

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746612 Lab File ID: 466-12DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2031

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD136

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746613 Lab File ID: 466-13DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2100

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD136

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746613 Lab File ID: 466-13DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2100

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD136

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746613 Lab File ID: 466-13DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2100

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746614 Lab File ID: 466-14DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2130

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746614 Lab File ID: 466-14DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2130

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746614 Lab File ID: 466-14DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2130

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD137

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615 Lab File ID: 466-15.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1215

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD137

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615 Lab File ID: 466-15.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1215

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD137

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615 Lab File ID: 466-15.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1215

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746616 Lab File ID: 466-16.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1247

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746616 Lab File ID: 466-16.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1247

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746616 Lab File ID: 466-16.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1247

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617 Lab File ID: 466-17.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1319

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	135000	J
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	498000	
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617 Lab File ID: 466-17.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1319

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	353000	J
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	138000	J
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617 Lab File ID: 466-17.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1319

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	58600	J
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618 Lab File ID: 466-18d10.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1502

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618 Lab File ID: 466-18d10.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1502

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618 Lab File ID: 466-18d10.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1502

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

QC Summary

130907 1336

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3428BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 248476 Lab File ID: 3428BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1203

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3428BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 248476 Lab File ID: 3428BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1203

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3428BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 248476 Lab File ID: 3428BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted: 09/07/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1203

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	9900	J
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3428LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	80000	84500	106.0		30.0	48 - 115
Aniline	80000	90100	113.0		30.0	47 - 140
Bis(2-Chloroethyl)ether	80000	90900	114.0 *		30.0	61 - 105
Phenol	80000	76900	96.1		23.0	46 - 100
2-Chlorophenol	80000	83400	104.0		24.0	54 - 105
1,3-Dichlorobenzene	80000	88200	110.0 *		26.0	67 - 100
1,4-Dichlorobenzene	80000	86800	108.0 *		27.0	62 - 105
1,2-Dichlorobenzene	80000	84600	106.0 *		30.0	65 - 95
Benzyl alcohol	80000	88800	111.0		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	80000	102000	128.0 *		30.0	52 - 115
2-Methylphenol (o-Cresol)	80000	64200	80.2		30.0	58 - 105
Hexachloroethane	80000	91400	114.0 *		28.0	65 - 110
N-Nitroso-di-n-propylamine	80000	94500	118.0 *		28.0	59 - 115
4-Methylphenol	80000	84300	105.0		26.0	57 - 105
Nitrobenzene	80000	86600	108.0		27.0	71 - 115
Isophorone	80000	94300	118.0 *		30.0	69 - 110
2-Nitrophenol	80000	72600	90.8		20.0	61 - 110
2,4-Dimethylphenol	80000	54400	68.0		30.0	65 - 105
Benzoic acid	160000	206000	129.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	80000	73000	91.2		30.0	70 - 110
2,4-Dichlorophenol	80000	73500	91.9		29.0	64 - 110
1,2,4-Trichlorobenzene	80000	84100	105.0		29.0	71 - 110
Naphthalene	80000	86500	108.0 *		23.0	67 - 105
4-Chloroaniline	80000	63200	79.0		30.0	57 - 95
2-Methylnaphthalene	80000	86900	109.0 *		22.0	72 - 105
Hexachlorobutadiene	80000	81800	102.0		27.0	79 - 115
4-Chloro-3-methylphenol	80000	84100	105.0		30.0	62 - 115
1-Methylnaphthalene	80000	92200	115.0		25.0	67 - 145
Hexachlorocyclopentadiene	80000	69400	86.8		44.0	34 - 139
2,4,6-Trichlorophenol	80000	71400	89.2		30.0	62 - 110
2,4,5-Trichlorophenol	80000	74200	92.8		29.0	61 - 110
2-Chloronaphthalene	80000	83800	105.0		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1336

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3428LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	80000	83500	104.0		23.0	71 - 120
Acenaphthylene	80000	82400	103.0		21.0	66 - 105
Dimethyl-phthalate	80000	87500	109.0		30.0	69 - 110
2,6-Dinitrotoluene	80000	73200	91.5		30.0	73 - 110
Acenaphthene	80000	82900	104.0		28.0	65 - 110
3-Nitroaniline	80000	81200	102.0		30.0	76 - 110
2,4-Dinitrophenol	160000	94000	58.8		30.0	29 - 130
Dibenzofuran	80000	85100	106.0 *		28.0	75 - 105
2,4-Dinitrotoluene	80000	83600	104.0		29.0	77 - 115
4-Nitrophenol	80000	69000	86.2		30.0	52 - 140
Fluorene	80000	87600	110.0		28.0	67 - 110
4-Chlorophenyl-phenylether	80000	93900	117.0 *		30.0	65 - 110
Diethylphthalate	80000	90300	113.0		28.0	68 - 115
4-Nitroaniline	80000	67400	84.2		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	80000	56100	70.1		28.0	34 - 135
N-Nitrosodiphenylamine	80000	85300	107.0		23.0	77 - 115
4-Bromophenyl-phenylether	80000	80800	101.0		30.0	59 - 115
Hexachlorobenzene	80000	77300	96.6		28.0	77 - 120
Pentachlorophenol	80000	29400	36.8		30.0	36 - 120
Phenanthrene	80000	84500	106.0		25.0	67 - 110
Anthracene	80000	82000	102.0		19.0	67 - 105
Di-n-butylphthalate	80000	78800	98.5		29.0	67 - 110
Fluoranthene	80000	84800	106.0		21.0	74 - 115
Pyrene	80000	81200	102.0		20.0	67 - 125
Benzidine	80000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	80000	79500	99.4		30.0	66 - 125
3,3'-Dichlorobenzidine	80000	77300	96.6		30.0	41 - 130
Benzo(a)anthracene	80000	81700	102.0		29.0	67 - 110
Chrysene	80000	83900	105.0		30.0	65 - 110
bis(2-ethylhexyl)phthalate	80000	86900	109.0		30.0	65 - 125
Di-n-octylphthalate	80000	77100	96.4		30.0	64 - 130
Benzo(b)fluoranthene	80000	84000	105.0		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

130907 1336

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3428LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	80000	80000	100.0		28.0	53 - 125
Benzo(a)pyrene	80000	81600	102.0		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	80000	79200	99.0		30.0	40 - 120
Dibenz(a,h)anthracene	80000	77800	97.2		30.0	40 - 125
Benzo(g,h,i)perylene	80000	85100	106.0		23.0	41 - 125

Spike Recovery: 14 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

GC/ECD PCB ORGANICS

METHOD 8082

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CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3580 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD136 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 160 % with criteria of (33-140).

Sample NPPD137 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 160 % with criteria of (33-140).

Sample NPPD142 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 152 % with criteria of (33-140).

Sample NPPD170 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 164 % with criteria of (33-140).

Sample NPPD172 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 166 % with criteria of (33-140).

Sample NPPD175 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 159 % with criteria of (33-140).

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

Sample NPPD178 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 161 % with criteria of (33-140).

Sample NPPD2 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 156 % with criteria of (33-140).

Sample NPPD20 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 167 % with criteria of (33-140).

Sample NPPD3 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 160 % with criteria of (33-140).

Since all surrogate recoveries were above QC limits and none of the associated samples had target compounds found above RL, it can be assured that had the analytes been in the samples they would have been detected, so no further action was taken.

Samples coded accordingly.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.
Sample NPPD17 required a 1:10 dilution due to high sample matrix interference. Only the diluted analysis is reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

SIGNED: **DATE:** **09/11/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Method: 8082

EPA Sample No	Lab Sample ID
NPPD17	250746601
NPPD181	250746602
NPPD180	250746603
NPPD171	250746604
NPPD176	250746605
NPPD175	250746606
NPPD170	250746607
NPPD172	250746608
NPPD178	250746609
NPPD147	250746610
NPPD142	250746611
NPPD148	250746612
NPPD136	250746613
NPPD20	250746614
NPPD137	250746615
NPPD3	250746616
NPPD1	250746617
NPPD2	250746618

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Sample Data

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746601 Lab File ID: 466-1D10.D

Sample wt/vol: 1.04 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2058

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4300	U
11096-82-5	Aroclor-1260	4300	U
11104-28-2	Aroclor-1221	4300	U
11141-16-5	Aroclor-1232	4300	U
53469-21-9	Aroclor-1242	4300	U
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	4300	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD181

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746602 Lab File ID: 466-02.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0258

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD180

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746603 Lab File ID: 466-03.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0329

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD171

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746604 Lab File ID: 466-04.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0400

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD176

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746605 Lab File ID: 466-05.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0431

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD175

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746606 Lab File ID: 466-06.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1140

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD170

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746607 Lab File ID: 466-07.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1211

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD172

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746608 Lab File ID: 466-08.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1242

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	380	U
11096-82-5	Aroclor-1260	380	U
11104-28-2	Aroclor-1221	380	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD178

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746609 Lab File ID: 466-09.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1314

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD147

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610 Lab File ID: 466-10.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1345

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD142

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611 Lab File ID: 466-11.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1416

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD148

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746612 Lab File ID: 466-12.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1447

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD136

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746613 Lab File ID: 466-13.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1649

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746614 Lab File ID: 466-14.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1720

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD137

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615 Lab File ID: 466-15.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1751

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746616 Lab File ID: 466-16.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1822

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617 Lab File ID: 466-17.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1853

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618 Lab File ID: 466-18.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1924

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 399BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 248181 Lab File ID: 399BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/04/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0125

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

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PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

399LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	9590	95.9		21.0	40 - 140
Aroclor-1260	10000	9590	95.9		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 248070BLK was analyzed with the soil samples on 09/06/07. The following analyte(s) were detected below RL: Antimony at 0.308 MG/KG, Potassium at 7.45 MG/KG.
Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

Samples NPPD142, NPPD20 required a 1:5 dilution due to matrix interference with the following analyte(s): Thallium.

Samples NPPD171, NPPD172, NPPD180, NPPD181 required a 1:5 dilution due to high concentration of the following analyte(s): Sodium.

Sample NPPD178 required a 1:5 dilution due to high concentration of the following analyte(s): Antimony.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gates

SIGNED: **DATE:** **09/10/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507466

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gale

SIGNED: **DATE: 09/05/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507466

SOW No.:

EPA Sample No	Lab Sample ID
NPPD17	250746601
NPPD181	250746602
NPPD181DL1	250746602DL1
NPPD180	250746603
NPPD180DL1	250746603DL1
NPPD171	250746604
NPPD171DL1	250746604DL1
NPPD176	250746605
NPPD175	250746606
NPPD170	250746607
NPPD172	250746608
NPPD172DL1	250746608DL1
NPPD178	250746609
NPPD178DL1	250746609DL1
NPPD147	250746610
NPPD142	250746611
NPPD142DL1	250746611DL1
NPPD148	250746612
NPPD136	250746613
NPPD20	250746614
NPPD20DL1	250746614DL1
NPPD137	250746615
NPPD3	250746616
NPPD1	250746617
NPPD2	250746618

Were ICP interelement corrections applied? Yes/No Yes

Were ICP background corrections applied? Yes/No Yes

If yes - were raw data generated before application of background corrections? Yes/No No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746601

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	102			P
7440-38-2	Arsenic	0.48	U		P
7440-39-3	Barium	0.915			P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.048	U		P
7440-70-2	Calcium	33.1			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.546			P
7440-50-8	Copper	2.56			P
7439-89-6	Iron	41.9			P
7439-92-1	Lead	0.39	B		P
7439-95-4	Magnesium	10.3			P
7439-96-5	Manganese	0.641			P
7439-97-6	Mercury	0.013	B		CV
7440-02-0	Nickel	0.241	B		P
7440-09-7	Potassium	950			P
7782-49-2	Selenium	1.09			P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	3020			P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD17

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746601

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	24.2			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD181

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746602

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.1	U		P
7440-36-0	Antimony	54.1			P
7440-38-2	Arsenic	4.23			P
7440-39-3	Barium	0.16	U		P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.154	B		P
7440-70-2	Calcium	15.5			P
7440-47-3	Chromium	4.02			P
7440-48-4	Cobalt	0.0499	U		P
7440-50-8	Copper	0.391	B		P
7439-89-6	Iron	37.4			P
7439-92-1	Lead	0.339	U		P
7439-95-4	Magnesium	2.99	U		P
7439-96-5	Manganese	0.397	B		P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.615			P
7440-09-7	Potassium	9890			P
7782-49-2	Selenium	0.775	B		P
7440-22-4	Silver	0.16	U		P
7440-28-0	Thallium	0.329	U		P
7440-62-2	Vanadium	0.16	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD181

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746602

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	5.08			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD181DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746602DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	32400			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD180

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746603

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	73.6			P
7440-38-2	Arsenic	3.48			P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.185	B		P
7440-70-2	Calcium	39.7			P
7440-47-3	Chromium	0.24	B		P
7440-48-4	Cobalt	0.0495	U		P
7440-50-8	Copper	0.394	B		P
7439-89-6	Iron	12			P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	2.97	U		P
7439-96-5	Manganese	1.05			P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	4920			P
7782-49-2	Selenium	0.757	B		P
7440-22-4	Silver	0.158	U		P
7440-28-0	Thallium	0.327	U		P
7440-62-2	Vanadium	0.169	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD180

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746603

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	2.15			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD180DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746603DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	32700			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD171

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746604

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	72.9			P
7440-38-2	Arsenic	8.47			P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.13	B		P
7440-70-2	Calcium	19.3			P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.0492	U		P
7440-50-8	Copper	0.24	B		P
7439-89-6	Iron	7.27			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	0.182	B		P
7439-97-6	Mercury	0.00204	U		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	3860			P
7782-49-2	Selenium	1.1			P
7440-22-4	Silver	0.157	U		P
7440-28-0	Thallium	0.325	U		P
7440-62-2	Vanadium	0.157	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD171

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746604

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD171DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746604DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	48300			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD176

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746605

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	86.9			P
7440-36-0	Antimony	347			P
7440-38-2	Arsenic	1.76			P
7440-39-3	Barium	1.43			P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0893	B		P
7440-70-2	Calcium	182			P
7440-47-3	Chromium	1.81			P
7440-48-4	Cobalt	0.72			P
7440-50-8	Copper	3.45			P
7439-89-6	Iron	280			P
7439-92-1	Lead	3.72			P
7439-95-4	Magnesium	10.9			P
7439-96-5	Manganese	3.86			P
7439-97-6	Mercury	0.00198	U		CV
7440-02-0	Nickel	4.26			P
7440-09-7	Potassium	4060			P
7782-49-2	Selenium	0.875	B		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	15300			P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD176

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746605

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.28	B		P
7440-66-6	Zinc	41.4			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD175

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746606

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	1.46			P
7440-38-2	Arsenic	0.491	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0491	U		P
7440-70-2	Calcium	22.5			P
7440-47-3	Chromium	0.304	B		P
7440-48-4	Cobalt	0.0491	U		P
7440-50-8	Copper	0.157	U		P
7439-89-6	Iron	2800			P
7439-92-1	Lead	0.334	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	19.4			P
7439-97-6	Mercury	0.00196	U		CV
7440-02-0	Nickel	0.387	B		P
7440-09-7	Potassium	78.4			P
7782-49-2	Selenium	0.491	U		P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	47.7			P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD175

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746606

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	2.1			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD170

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746607

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.01	U		P
7440-36-0	Antimony	190			P
7440-38-2	Arsenic	0.479	U		P
7440-39-3	Barium	0.153	U		P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.0479	U		P
7440-70-2	Calcium	4.93	B		P
7440-47-3	Chromium	0.223	B		P
7440-48-4	Cobalt	0.0978	B		P
7440-50-8	Copper	0.153	U		P
7439-89-6	Iron	38.6			P
7439-92-1	Lead	0.326	U		P
7439-95-4	Magnesium	3.94	B		P
7439-96-5	Manganese	0.386	B		P
7439-97-6	Mercury	0.00202	U		CV
7440-02-0	Nickel	4.3			P
7440-09-7	Potassium	8500			P
7782-49-2	Selenium	0.894	B		P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	100			P
7440-28-0	Thallium	0.316	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD170

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746607

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.153	U		P
7440-66-6	Zinc	0.951	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD172

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746608

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.1	U		P
7440-36-0	Antimony	106			P
7440-38-2	Arsenic	11			P
7440-39-3	Barium	0.16	U		P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.132	B		P
7440-70-2	Calcium	10.4			P
7440-47-3	Chromium	0.16	U		P
7440-48-4	Cobalt	0.05	U		P
7440-50-8	Copper	0.261	B		P
7439-89-6	Iron	3.64	B		P
7439-92-1	Lead	0.34	U		P
7439-95-4	Magnesium	3	U		P
7439-96-5	Manganese	0.16	U		P
7439-97-6	Mercury	0.00209	U		CV
7440-02-0	Nickel	0.16	U		P
7440-09-7	Potassium	7770			P
7782-49-2	Selenium	1.11			P
7440-22-4	Silver	0.16	U		P
7440-28-0	Thallium	0.33	U		P
7440-62-2	Vanadium	0.16	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD172

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746608

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.33	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD172DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746608DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	50800			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD178

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746609

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	19.6			P
7440-38-2	Arsenic	7.09			P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0485	U		P
7440-70-2	Calcium	74.7			P
7440-47-3	Chromium	1.47			P
7440-48-4	Cobalt	0.195	B		P
7440-50-8	Copper	0.61			P
7439-89-6	Iron	3200			P
7439-92-1	Lead	0.33	U		P
7439-95-4	Magnesium	12.3			P
7439-96-5	Manganese	25			P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	1.79			P
7440-09-7	Potassium	1880			P
7782-49-2	Selenium	2.02			P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	2500			P
7440-28-0	Thallium	0.32	U		P
7440-62-2	Vanadium	0.155	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD178

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746609

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	4.12			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD178DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746609DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	758			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD147

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.1	U		P
7440-36-0	Antimony	0.549	B		P
7440-38-2	Arsenic	0.5	U		P
7440-39-3	Barium	0.16	U		P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.05	U		P
7440-70-2	Calcium	18.6			P
7440-47-3	Chromium	2.23			P
7440-48-4	Cobalt	0.05	U		P
7440-50-8	Copper	0.21	B		P
7439-89-6	Iron	2530			P
7439-92-1	Lead	0.34	U		P
7439-95-4	Magnesium	3	U		P
7439-96-5	Manganese	15.2			P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.902			P
7440-09-7	Potassium	61.2			P
7782-49-2	Selenium	0.5	U		P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	621			P
7440-28-0	Thallium	0.33	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD147

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746610

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.16	U		P
7440-66-6	Zinc	3.38			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD142

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	3.7			P
7440-38-2	Arsenic	1.12			P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0482	U		P
7440-70-2	Calcium	5.67	B		P
7440-47-3	Chromium	5.93			P
7440-48-4	Cobalt	0.282	B		P
7440-50-8	Copper	6.84			P
7439-89-6	Iron	999			P
7439-92-1	Lead	1.36			P
7439-95-4	Magnesium	2.89	U		P
7439-96-5	Manganese	0.737			P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	3.86			P
7440-09-7	Potassium	622			P
7782-49-2	Selenium	3.23			P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	483			P
7440-62-2	Vanadium	0.154	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD142

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	25.8			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD142DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746611DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.59	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD148

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746612

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	16			P
7440-36-0	Antimony	2.78			P
7440-38-2	Arsenic	0.49	U		P
7440-39-3	Barium	0.166	B		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.049	U		P
7440-70-2	Calcium	83.1			P
7440-47-3	Chromium	0.238	B		P
7440-48-4	Cobalt	0.049	U		P
7440-50-8	Copper	2.17			P
7439-89-6	Iron	1020			P
7439-92-1	Lead	0.333	U		P
7439-95-4	Magnesium	19.3			P
7439-96-5	Manganese	7.22			P
7439-97-6	Mercury	0.00257	B		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	460			P
7782-49-2	Selenium	0.49	U		P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	394			P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD148

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746612

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	1.85			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD136

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746613

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	244			P
7440-38-2	Arsenic	8.37			P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0481	U		P
7440-70-2	Calcium	21.8			P
7440-47-3	Chromium	0.253	B		P
7440-48-4	Cobalt	6.26			P
7440-50-8	Copper	0.652			P
7439-89-6	Iron	1700			P
7439-92-1	Lead	0.327	U		P
7439-95-4	Magnesium	2.88	U		P
7439-96-5	Manganese	5.22			P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.198	B		P
7440-09-7	Potassium	1770			P
7782-49-2	Selenium	1.75			P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	543			P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD136

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746613

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	2.19			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746614

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	3.02			P
7440-38-2	Arsenic	0.58	B		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	9.52	B		P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	29.3			P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	2.9	U		P
7439-96-5	Manganese	0.306	B		P
7439-97-6	Mercury	0.00197	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	1770			P
7782-49-2	Selenium	1.91			P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	3810			P
7440-62-2	Vanadium	0.424	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD20

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746614

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	1.94			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD20DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746614DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.6	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD137

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.17	B		P
7440-36-0	Antimony	251			P
7440-38-2	Arsenic	1.35			P
7440-39-3	Barium	0.308	B		P
7440-41-7	Beryllium	0.152	U		P
7440-43-9	Cadmium	0.0476	U		P
7440-70-2	Calcium	360			P
7440-47-3	Chromium	1.39			P
7440-48-4	Cobalt	0.688			P
7440-50-8	Copper	0.891			P
7439-89-6	Iron	7090			P
7439-92-1	Lead	0.324	U		P
7439-95-4	Magnesium	13.5			P
7439-96-5	Manganese	33.8			P
7439-97-6	Mercury	0.00199	U		CV
7440-02-0	Nickel	8.7			P
7440-09-7	Potassium	518			P
7782-49-2	Selenium	0.817	B		P
7440-22-4	Silver	0.152	U		P
7440-23-5	Sodium	8500			P
7440-28-0	Thallium	0.314	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD137

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746615

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.152	U		P
7440-66-6	Zinc	10			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746616

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	1			P
7440-38-2	Arsenic	1.59			P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	41.8			P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	1.02			P
7439-89-6	Iron	14.2			P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	2.9	U		P
7439-96-5	Manganese	0.357	B		P
7439-97-6	Mercury	0.002	U		CV
7440-02-0	Nickel	0.542			P
7440-09-7	Potassium	3740			P
7782-49-2	Selenium	1.79			P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	2230			P
7440-28-0	Thallium	0.319	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746616

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	6.8			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	0.662	B		P
7440-38-2	Arsenic	0.492	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0492	U		P
7440-70-2	Calcium	13.7			P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.0492	U		P
7440-50-8	Copper	0.172	B		P
7439-89-6	Iron	96.9			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	1.12			P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	340			P
7782-49-2	Selenium	0.492	U		P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	120			P
7440-28-0	Thallium	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746617

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.1	U		P
7440-36-0	Antimony	0.45	B		P
7440-38-2	Arsenic	0.5	U		P
7440-39-3	Barium	0.16	U		P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.05	U		P
7440-70-2	Calcium	3.3	U		P
7440-47-3	Chromium	0.16	U		P
7440-48-4	Cobalt	0.05	U		P
7440-50-8	Copper	0.16	U		P
7439-89-6	Iron	6.56			P
7439-92-1	Lead	0.34	U		P
7439-95-4	Magnesium	3	U		P
7439-96-5	Manganese	0.16	U		P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.16	U		P
7440-09-7	Potassium	2130			P
7782-49-2	Selenium	0.5	U		P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	35.5			P
7440-28-0	Thallium	0.33	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Lab Sample ID: 250746618

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.16	U		P
7440-66-6	Zinc	0.33	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1336

QC Summary

130907 1336

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DUPLICATES

EPA Sample No.

248066LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.312		0.316		1.3		CV

Comments:

130907 1336

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6

DUPLICATES

EPA Sample No.

248072LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4790		4970		3.7		P
Antimony	20	48.2		48.5		0.6		P
Arsenic	20	46.6		47.8		2.5		P
Barium	20	143		146		2.1		P
Beryllium	20	48.2		49.3		2.3		P
Cadmium	20	47.2		48		1.7		P
Calcium	20	4690		4860		3.6		P
Chromium	20	49.2		49.9		1.4		P
Cobalt	20	46.6		47.6		2.1		P
Copper	20	49.3		50.1		1.6		P
Iron	20	4940		5120		3.6		P
Lead	20	49.2		49.6		0.8		P
Magnesium	20	4660		4820		3.4		P
Manganese	20	48.2		49.2		2.1		P
Nickel	20	48.2		49		1.6		P
Potassium	20	4790		4950		3.3		P
Selenium	20	46.8		46.8		0.0		P
Silver	20	20.3		20.5		1.0		P
Sodium	20	4810		4980		3.5		P
Thallium	20	48.8		48.9		0.2		P
Vanadium	20	50.2		50.9		1.4		P
Zinc	20	48		48.9		1.9		P

Comments:

130907 1336

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248066LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Solid LCS Source: MET-61501

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.312		80	120	104.0

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248066LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Solid LCS Source: MET-61501

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.316		80	120	105.3

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 248071LCS

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	%R
Aluminum				5000	4790		80 - 120	95.8
Antimony				50	48.2		80 - 120	96.4
Arsenic				50	46.6		80 - 120	93.2
Barium				150	143		80 - 120	95.3
Beryllium				50	48.2		80 - 120	96.4
Cadmium				50	47.2		80 - 120	94.4
Calcium				5000	4690		80 - 120	93.8
Chromium				50	49.2		80 - 120	98.4
Cobalt				50	46.6		80 - 120	93.2
Copper				50	49.3		80 - 120	98.6
Iron				5000	4940		80 - 120	98.8
Lead				50	49.2		80 - 120	98.4
Magnesium				5000	4660		80 - 120	93.2
Manganese				50	48.2		80 - 120	96.4
Nickel				50	48.2		80 - 120	96.4
Potassium				5000	4790		80 - 120	95.8
Selenium				50	46.8		80 - 120	93.6
Silver				20	20.3		80 - 120	101.5
Sodium				5000	4810		80 - 120	96.2
Thallium				50	48.8		80 - 120	97.6
Vanadium				50	50.2		80 - 120	100.4
Zinc				50	48		80 - 120	96.0

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LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 248072LCSD

Lab Code : PEL Case No.: SAS No: SDG No.: 2507466

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	%R
Aluminum				5000	4970		80 - 120	99.4
Antimony				50	48.5		80 - 120	97.0
Arsenic				50	47.8		80 - 120	95.6
Barium				150	146		80 - 120	97.3
Beryllium				50	49.3		80 - 120	98.6
Cadmium				50	48		80 - 120	96.0
Calcium				5000	4860		80 - 120	97.2
Chromium				50	49.9		80 - 120	99.8
Cobalt				50	47.6		80 - 120	95.2
Copper				50	50.1		80 - 120	100.2
Iron				5000	5120		80 - 120	102.4
Lead				50	49.6		80 - 120	99.2
Magnesium				5000	4820		80 - 120	96.4
Manganese				50	49.2		80 - 120	98.4
Nickel				50	49		80 - 120	98.0
Potassium				5000	4950		80 - 120	99.0
Selenium				50	46.8		80 - 120	93.6
Silver				20	20.5		80 - 120	102.5
Sodium				5000	4980		80 - 120	99.6
Thallium				50	48.9		80 - 120	97.8
Vanadium				50	50.9		80 - 120	101.8
Zinc				50	48.9		80 - 120	97.8

130907 1336

Chain of Custody Documentation

130907 1336

Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507466 KC

Page 1 of 6

Company: TN & Associates, Inc.
Address: 1220 Kennestone Circle, Marietta, GA
Phone: 678-355-5550 Fax: 678-355-5545
Project Name/Number: National Petroleum Packers/20051148-1089
Project Manager: Lou Von oldenburg
Purchase Order:
Print Names(s) / Affiliation: Lou Von oldenburg
Sampler(s) Signature(s):

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:
REQUESTED DUE DATE / /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested 6010	8260	8270	8082	Remarks	Lab. No.
1	NPP D17	8/15	0940		O	3		X	X	X	X	Name	01
2	NPP D184		0930										02
3	NPP D180		0935										03
4	NPP D171		1005										04
5	NPP D176		0945										05
6	NPP D175		0950										06
7	NPP D170		1015										07
8	NPP D172		1010										08
9	NPP D178		0955										09
Shipment Method						27		← Total Number of Containers					

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		J. Hess / PEL	08/17/07	1100			
Additional Comments: Tags only				8/17/7	17:00	Dall/PEL	8/20	1030
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
6c 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507466

268

PEL Laboratories, Inc.
1010000 1000101 1100110
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Chain of Custody Record
Record/Work Request

Page 2 of 6

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Company: TN & Associates, Inc
Address: 1220 Kennestone Circle, Marietta, GA
Phone: 678-355-5510 Fax: 678-355-5545
Project Name/Number: National Petroleum Packers / 2005148-1089
Project Manager: Lou Von Oldenburg
Purchase Order:
Print Names(s) / Affiliation: Lou Von oldenburg
Sampler(s) Signature(s):

REQUESTED DUE DATE: / /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested: 6010	8260	8270	8082	Remarks	Lab. No.
10	NPPD147	08/25	1021		O	3		X	X	X	X	Water	10
11	NPPD142*		1011									pH-13	11
12	NPPD148		1036										12
13	NPPD136		1001										13
14	NPPD20		1056										14
15	NPPD137		0958										15
16	NPPD3		0945										16
17	NPPD1		0935										17
18	NPPD2		0940										18

Shipment Method: 27 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/27/07	1100			
Additional Comments: Fax Only				8/27/7	1700		8/28	1030
Standard TAT -								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
6@ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507486

269

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7890

0215

Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date FedEx Tracking Number 863034337890

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

2 Your Internal Billing Reference

3 To

Recipient's Name Phone

Company P&L LAGS

Recipient's Address Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4430 PINOLA RUN RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33611

0366274374

8630 3433 7890

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages 1 Total Weight 62 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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FedEx Express **US Airbill**

FedEx Tracking Number **8630 3433 7857**

0215

Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337857

Sender's Name TN & ASSOCIATES INC Phone 678 355--5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066--6045

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

2 Your Internal Billing Reference 205148 - 1089

3 To

Recipient's Name _____ Phone 813 247 309

Company P&L LABS

Recipient's Address _____

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 4400 PONCE DE LEON BLVD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33614

0366274374

8630 3433 7857

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 60 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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8

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7905

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date | FedEx Tracking Number 863034337905

Sender's Name TN & ASSOCIATES INC | Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR | Dept./Floor/Suite/Room

City MARIETTA | State GA | ZIP 30066-6045

2 Your Internal Billing Reference 2egles 017

3 To

Recipient's Name | Phone 915 247-2145

Company PEL LABS

Recipient's Address 4420 PANOLA POINT RD

We cannot deliver to P.O. boxes or P.O. ZIP codes. | Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City Ayan | State FL | ZIP 33619

0366274374

8630 3433 7905

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. | * To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: | ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. | [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below. | Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 | Total Weight 50 | Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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4

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7868

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337868

Sender's Name TN & ASSOCIATES INC. Phone 678 353-5590

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005118-1059

3 To

Recipient's Name _____ Phone 813 247 2805

Company PEL LABS

Recipient's Address _____

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address 4030 HANOVER POINTE RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33618

0366274374

8630 3433 7868

4a Express Package Service *Packages up to 150 lbs.*

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [X] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 10 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7880

0215

Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337880

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

RECIPIENT: PEEL HERE

2 Your Internal Billing Reference Desjar - 1004

3 To

Recipient's Name _____ Phone 813 247-2805

Company PEL LNDS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address 4430 PRADO POINT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7880

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 50 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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fedex.com 1.800.GoFedEx 1.800.463.3339

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FedEx Express **US Airbill**

FedEx Tracking Number **8630 3433 7879**

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337879

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept/Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005/48 - 1087

3 To

Recipient's Name _____ Phone 813 247 9805

Company P&L LABS

Recipient's Address _____

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Address 4420 DENSLOW DR RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33614

.036627437A

8630 3433 7879

0215 **Recipient's Copy**

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 50

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details. Credit Card Auth.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507466	**Req:**	83921
Client:	TN&A	**Project:**	National Petroleum Packers (WASTE
Level:	2	**Date Rec'd:**	8/28/07 10:30:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/07/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507466 **Profile Name:** Nat'l Petro. **Profile #:** 83921

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 18	7470	Mercury		BMD	082907	1020
01 - 18	7470	Mercury	N/A			
01 - 18	6010	Metals		BMD	082907	1020
01 - 18	6010	Metals	N/A			
01 - 18	8260	Volatile Organic Compounds		MSJ	8/29/07	12:00
01 - 18	8260	Volatile Organic Compounds	continuing			
01 - 18	8270	GCMS semivolatile		SR	9-7-07	8:35A
01 - 18	8270	GCMS semivolatile	SR		9 7 07	3:45
01 - 18	8082	PCB		GG	9/4/07	6am
01 - 18	8082	PCB	GG		9/4/07	130PM

Additional:

Comments:

Addendum

130907 1336

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/28/07 10:30:00 AM

Date to be Reported: 9/18/07

Laboratory Submission Number/SDG: 2507466

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507466

Project: National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

None.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 2

Total of: 90 analyses on 18 samples (including QC) *30-Aug-07*

Report/SDG #: 2507466

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD17	250746601		O	8/25/07 9:40:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD181	250746602		O	8/25/07 9:30:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD180	250746603		O	8/25/07 9:35:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507466

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD171	250746604		O	8/25/07 10:05:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD176	250746605		O	8/25/07 9:45:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD175	250746606		O	8/25/07 9:50:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507466

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD170	250746607		O	8/25/07 10:15:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD172	250746608		O	8/25/07 10:10:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD178	250746609		O	8/25/07 9:55:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507466

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD147	250746610		O	8/25/07 10:21:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD142	250746611		O	8/25/07 10:11:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD148	250746612		O	8/25/07 10:30:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507466

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD136	250746613		O	8/25/07 10:01:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD20	250746614		O	8/25/07 10:56:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD137	250746615		O	8/25/07 9:58:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507466

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD3	250746616		O	8/25/07 9:45:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD1	250746617		O	8/25/07 9:35:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD2	250746618		O	8/25/07 9:40:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

From: Darcy Weisman
Sent: Thursday, September 06, 2007 11:21 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: TNA 2507466 8260 waste
Importance: High

Good morning.

-----Original Message-----
From: Lisa Pelo
Sent: Thursday, September 06, 2007 11:05 AM
To: Project Managers
Subject: TNA 2507466 8260 waste
Importance: High

Please notify the project chemist of the following:

Sample NPPD147 required an additional 1:200 dilution due to a high concentration of 1,2,4-Trimethylbenzene. Both diluted runs will be reported.

Sample NPPD137 required an additional 1:200 dilution due to a high concentration of m,p-Xylene. Both diluted runs will be reported.

Sample NPPD1 required an additional 1:5000 dilution due to high concentrations of Xylenes, 1,2,4-Trimethylbenzene, sec-Butylbenzene and n-Butylbenzene. Both diluted runs will be reported.

Sample NPPD2 required an additional 1:2000 dilution due to a high concentration of Acetone. Both diluted runs will be reported.

Darcy Weisman

From: Darcy Weisman
Sent: Tuesday, September 11, 2007 8:59 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: 2507466 - 8082 TNA

Good morning.

-----Original Message-----
From: Brian Spann
Sent: Tuesday, September 11, 2007 7:06 AM
To: Project Managers
Subject: 2507466 - 8082 TNA

A. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD136 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 160 % with criteria of (33-140).

Sample NPPD137 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 160 % with criteria of (33-140).

Sample NPPD142 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 152 % with criteria of (33-140).

Sample NPPD170 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 164 % with criteria of (33-140).

Sample NPPD172 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 166 % with criteria of (33-140).

Sample NPPD175 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 159 % with criteria of (33-140).

Sample NPPD178 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 161 % with criteria of (33-140).

Sample NPPD2 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 156 % with criteria of (33-140).

Sample NPPD20 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 167 % with criteria of (33-140).

Sample NPPD3 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 160 % with criteria of (33-140).

Since all surrogate recoveries were above QC limits and none of the associated samples had target compounds found above RL, it can be assured that had the analytes been in the samples they would have been detected, so no further action was taken.

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Darcy Weisman

From: Darcy Weisman
Sent: Wednesday, September 12, 2007 8:11 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: 8270 - 2507466 - TNA

Good morning.

-----Original Message-----
From: Brian Spann
Sent: Tuesday, September 11, 2007 4:46 PM
To: Project Managers
Subject: 8270 - 2507466 - TNA

A. Blanks:

All acceptance criteria were met with the exception of:
Blank 3428BLK was analyzed with the soil samples extracted on 09/07/07. The following analyte(s) were detected below RL: bis(2-ethylhexyl)phthalate at 9900 UG/KG.
Since this is a common laboratory contaminant and it is found less than the reporting limit, no further action was taken.
Samples coded accordingly.

B. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD1 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 7.4 % with criteria of (19-122).

Sample NPPD136 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 8.5 % with criteria of (25-121).

Sample NPPD148 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 12.2 % with criteria of (25-121).

Sample NPPD17 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 18.7 % with criteria of (19-122).

Sample NPPD178 was recovered below criteria for the following surrogate(s): 2-Fluorobiphenyl at 28.8 % with criteria of (30-115).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutins required for analysis.

The following samples had surrogates that were diluted out: NPPD136 NPPD137 NPPD142 NPPD147 NPPD148 NPPD170 NPPD171 NPPD172 NPPD175 NPPD176 NPPD178 NPPD180 NPPD181 NPPD2 NPPD20 NPPD3

C. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3428LCS was analyzed with the soil samples extracted on 09/07/07. The following

analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149). and the following analyte(s) were recovered above criteria: 1,4-Dichlorobenzene at 108 % with criteria of (62-105), 2-Methylnaphthalene at 109 % with criteria of (72-105), 4-Chlorophenyl-phenylether at 117 % with criteria of (65-110), Dibenzofuran at 106 % with criteria of (75-105), Hexachloroethane at 114 % with criteria of (65-110), Naphthalene at 108 % with criteria of (67-105), N-Nitroso-di-n-propylamine at 118 % with criteria of (59-115). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 106 % with criteria of (60-100), 1,3-Dichlorobenzene at 110 % with criteria of (61.5-105.5), 2,2-Oxybis(1-chloropropane) at 128 % with criteria of (41.5-125.5), Benzoic acid at 129 % with criteria of (0-122), Bis(2-Chloroethyl)ether at 114 % with criteria of (53.7-112.3), Isophorone at 118 % with criteria of (62.2-116.8).

The recoveries are directly related to the final volume adjustment of 10 mL for the LCS to demonstrate recoveries that would be found in the samples.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

D. Internal Standards:

All acceptance criteria were met.

E. Samples:

Sample analysis proceeded normally.
The following samples were analyzed at a 1:10 dilution due to non-target analyte interferences.
Sample NPPD1
Sample NPPD136
Sample NPPD137
Sample NPPD142
Sample NPPD147
Sample NPPD148
Sample NPPD17
Sample NPPD170
Sample NPPD171
Sample NPPD172
Sample NPPD175
Sample NPPD176
Sample NPPD178
Sample NPPD180
Sample NPPD181
Sample NPPD2
Sample NPPD20
Sample NPPD3

All samples were only brought to a final volume of 10mL due to the nature of the samples.

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PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/28/2007 4:35:39 PM
Date Reported:	9/13/2007
Laboratory Submission Number/SDG:	2507467
Project:	National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

Organics 11
METHOD 8260 GC/ MS VOLATILE ORGANICS 14
Sample Data 18
QC Summary 73
METHOD 8270 GC/ MS SEMI- VOLATILE ORGANICS 86
Sample Data 92
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Sample Data 158
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Addendum 250

EXECUTIVE SUMMARY - Detection Highlights

2507467

SAMPLE ID: NPPD134

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	15.5	0.99	MG/KG	SW6010B
Arsenic	1.92	0.99	MG/KG	SW6010B
Cadmium	0.0792 B	0.495	MG/KG	SW6010B
Calcium	36	9.9	MG/KG	SW6010B
Chromium	3.53	0.495	MG/KG	SW6010B
Cobalt	0.168 B	0.495	MG/KG	SW6010B
Copper	1.37	0.495	MG/KG	SW6010B
Iron	2530	4.95	MG/KG	SW6010B
Magnesium	41	9.9	MG/KG	SW6010B
Manganese	10.8	0.495	MG/KG	SW6010B
Nickel	9.34	0.495	MG/KG	SW6010B
Potassium	448	49.5	MG/KG	SW6010B
Selenium	1.51	0.99	MG/KG	SW6010B
Sodium	6910	29.7	MG/KG	SW6010B
Zinc	25.5	0.99	MG/KG	SW6010B
Mercury	0.00536 B	0.0191	MG/KG	SW7470A
1,2-Dichloroethane	477 J	877	UG/KG	SW8260B
Benzene	252 J	877	UG/KG	SW8260B
Naphthalene	2050	877	UG/KG	SW8260B
Toluene	503 J	877	UG/KG	SW8260B

SAMPLE ID: NPPD139

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.02	0.952	MG/KG	SW6010B
Calcium	26.5	9.52	MG/KG	SW6010B
Copper	0.276 B	0.476	MG/KG	SW6010B
Iron	632	4.76	MG/KG	SW6010B
Magnesium	6.66 B	9.52	MG/KG	SW6010B
Manganese	2	0.476	MG/KG	SW6010B
Potassium	136	47.6	MG/KG	SW6010B
Sodium	139	28.6	MG/KG	SW6010B
Zinc	114	0.952	MG/KG	SW6010B
Mercury	0.0101 B	0.0198	MG/KG	SW7470A
Naphthalene	396 J	752	UG/KG	SW8260B

130907 1342

EXECUTIVE SUMMARY - Detection Highlights

2507467

SAMPLE ID: NPPD141

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.362 B	0.98	MG/KG	SW6010B
Calcium	14.7	9.8	MG/KG	SW6010B
Iron	1.73 B	4.9	MG/KG	SW6010B
Zinc	1.54	0.98	MG/KG	SW6010B

SAMPLE ID: NPPD143

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.29	0.978	MG/KG	SW6010B
Arsenic	0.839 B	0.978	MG/KG	SW6010B
Calcium	3.78 B	9.78	MG/KG	SW6010B
Chromium	6.39	0.489	MG/KG	SW6010B
Cobalt	0.318 B	0.489	MG/KG	SW6010B
Copper	9.6	0.489	MG/KG	SW6010B
Iron	966	4.89	MG/KG	SW6010B
Manganese	0.546	0.489	MG/KG	SW6010B
Nickel	3.84	0.489	MG/KG	SW6010B
Potassium	552	48.9	MG/KG	SW6010B
Selenium	4.08	0.978	MG/KG	SW6010B
Sodium	560	29.4	MG/KG	SW6010B
Zinc	24.8	0.978	MG/KG	SW6010B
2-Butanone	10900	7630	UG/KG	SW8260B
Acetone	24300	7630	UG/KG	SW8260B

SAMPLE ID: NPPD144

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.36	0.956	MG/KG	SW6010B
Arsenic	1.05	0.956	MG/KG	SW6010B
Calcium	5.75 B	9.56	MG/KG	SW6010B
Chromium	6.31	0.478	MG/KG	SW6010B
Cobalt	0.327 B	0.478	MG/KG	SW6010B
Copper	9.47	0.478	MG/KG	SW6010B
Iron	995	4.78	MG/KG	SW6010B
Lead	0.447 B	0.65	MG/KG	SW6010B

130907 1342

EXECUTIVE SUMMARY - Detection Highlights

2507467

Manganese	0.767	0.478	MG/KG	SW6010B
Nickel	3.75	0.478	MG/KG	SW6010B
Potassium	571	47.8	MG/KG	SW6010B
Selenium	3.76	0.956	MG/KG	SW6010B
Sodium	564	28.7	MG/KG	SW6010B
Zinc	24.4	0.956	MG/KG	SW6010B
Acetone	290000	57500	UG/KG	SW8260B

SAMPLE ID: NPPD145

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.02	0.982	MG/KG	SW6010B
Arsenic	0.67 B	0.982	MG/KG	SW6010B
Calcium	3.91 B	9.82	MG/KG	SW6010B
Chromium	5.88	0.491	MG/KG	SW6010B
Cobalt	0.299 B	0.491	MG/KG	SW6010B
Copper	9.14	0.491	MG/KG	SW6010B
Iron	1160	4.91	MG/KG	SW6010B
Manganese	1.64	0.491	MG/KG	SW6010B
Nickel	3.72	0.491	MG/KG	SW6010B
Potassium	533	49.1	MG/KG	SW6010B
Selenium	2.76	0.982	MG/KG	SW6010B
Sodium	713	29.5	MG/KG	SW6010B
Zinc	23.2	0.982	MG/KG	SW6010B
2-Butanone	12500	4760	UG/KG	SW8260B
Acetone	27500	4760	UG/KG	SW8260B

SAMPLE ID: NPPD146

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.561 B	0.984	MG/KG	SW6010B
Calcium	6.56 B	9.84	MG/KG	SW6010B
Iron	6.68	4.92	MG/KG	SW6010B
Potassium	2190	49.2	MG/KG	SW6010B
Sodium	39.2	29.5	MG/KG	SW6010B
Zinc	0.883 B	0.984	MG/KG	SW6010B
Mercury	0.00333 B	0.0197	MG/KG	SW7470A
2-Butanone	12200 J	31600	UG/KG	SW8260B
4-Methyl-2-pentanone	45300	12600	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507467

Acetone	167000	31600	UG/KG	SW8260B

SAMPLE ID: NPPD149

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.28 B	9.71	MG/KG	SW6010B
Antimony	15.9	0.971	MG/KG	SW6010B
Arsenic	0.499 B	0.971	MG/KG	SW6010B
Calcium	48.1	9.71	MG/KG	SW6010B
Copper	0.491	0.485	MG/KG	SW6010B
Iron	79.7	4.85	MG/KG	SW6010B
Magnesium	43.5	9.71	MG/KG	SW6010B
Manganese	1.22	0.485	MG/KG	SW6010B
Nickel	0.722	0.485	MG/KG	SW6010B
Potassium	1750	48.5	MG/KG	SW6010B
Selenium	0.755 B	0.971	MG/KG	SW6010B
Sodium	3020	29.1	MG/KG	SW6010B
Zinc	1.67	0.971	MG/KG	SW6010B
Naphthalene	399 J	645	UG/KG	SW8260B

SAMPLE ID: NPPD150

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.342 B	0.996	MG/KG	SW6010B
Calcium	64.7	9.96	MG/KG	SW6010B
Iron	2.33 B	4.98	MG/KG	SW6010B
Magnesium	4.97 B	9.96	MG/KG	SW6010B
Potassium	15.2 B	49.8	MG/KG	SW6010B
Selenium	0.509 B	0.996	MG/KG	SW6010B
Sodium	24.6 B	29.9	MG/KG	SW6010B
Zinc	0.811 B	0.996	MG/KG	SW6010B

SAMPLE ID: NPPD155

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.09	0.975	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507467

Arsenic	1.7	0.975	MG/KG	SW6010B
Calcium	8.22 B	9.75	MG/KG	SW6010B
Chromium	0.234 B	0.487	MG/KG	SW6010B
Copper	0.348 B	0.487	MG/KG	SW6010B
Iron	13.8	4.87	MG/KG	SW6010B
Potassium	708	48.7	MG/KG	SW6010B
Selenium	3.29	0.975	MG/KG	SW6010B
Sodium	243	29.2	MG/KG	SW6010B
Zinc	0.438 B	0.975	MG/KG	SW6010B
Mercury	0.00611 B	0.0196	MG/KG	SW7470A
1,2,4-Trimethylbenzene	1080	741	UG/KG	SW8260B
1,3,5-Trimethylbenzene	598 J	741	UG/KG	SW8260B
2-Butanone	6840	3700	UG/KG	SW8260B
Acetone	22500	3700	UG/KG	SW8260B
Benzene	555 J	741	UG/KG	SW8260B
Ethylbenzene	602 J	741	UG/KG	SW8260B
Isopropylbenzene (Cume	351 J	741	UG/KG	SW8260B
Naphthalene	539 J	741	UG/KG	SW8260B
n-Butylbenzene	356 J	741	UG/KG	SW8260B
n-Propylbenzene	203 J	741	UG/KG	SW8260B
o-Xylene	1050	741	UG/KG	SW8260B
p,m-Xylene	3450	1480	UG/KG	SW8260B
Toluene	4160	741	UG/KG	SW8260B
Phenol	132000 J	1870000	UG/KG	SW8270C

SAMPLE ID: NPPD156

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	12.6	9.96	MG/KG	SW6010B
Antimony	13.6	0.996	MG/KG	SW6010B
Arsenic	2.56	0.996	MG/KG	SW6010B
Barium	0.558	0.498	MG/KG	SW6010B
Calcium	45.3	9.96	MG/KG	SW6010B
Chromium	0.384 B	0.498	MG/KG	SW6010B
Copper	3.63	0.498	MG/KG	SW6010B
Iron	123	4.98	MG/KG	SW6010B
Magnesium	4.88 B	9.96	MG/KG	SW6010B
Manganese	0.709	0.498	MG/KG	SW6010B
Potassium	1700	49.8	MG/KG	SW6010B
Sodium	397	29.9	MG/KG	SW6010B
Mercury	0.0395	0.0198	MG/KG	SW7470A

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EXECUTIVE SUMMARY - Detection Highlights

2507467

Acetone	6530	3850	UG/KG	SW8260B

SAMPLE ID: NPPD157

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	3.46 B	9.76	MG/KG	SW6010B
Copper	0.408 B	0.488	MG/KG	SW6010B
Iron	3.22 B	4.88	MG/KG	SW6010B
Potassium	34.9 B	48.8	MG/KG	SW6010B
Selenium	2.07	0.976	MG/KG	SW6010B
Sodium	53.1	29.3	MG/KG	SW6010B
Zinc	0.517 B	0.976	MG/KG	SW6010B
Mercury	0.00406 B	0.0192	MG/KG	SW7470A
2-Butanone	1390 J	3290	UG/KG	SW8260B
Acetone	9990	3290	UG/KG	SW8260B
Toluene	460 J	658	UG/KG	SW8260B

SAMPLE ID: NPPD158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.368 B	0.967	MG/KG	SW6010B
Arsenic	0.593 B	0.967	MG/KG	SW6010B
Calcium	6.96 B	9.67	MG/KG	SW6010B
Chromium	0.337 B	0.484	MG/KG	SW6010B
Cobalt	0.226 B	0.484	MG/KG	SW6010B
Copper	0.292 B	0.484	MG/KG	SW6010B
Iron	10.1	4.84	MG/KG	SW6010B
Lead	0.364 B	0.658	MG/KG	SW6010B
Potassium	116	48.4	MG/KG	SW6010B
Selenium	2.77	0.967	MG/KG	SW6010B
Sodium	98.8	29	MG/KG	SW6010B
Zinc	1.57	0.967	MG/KG	SW6010B
1,2,4-Trimethylbenzene	904	649	UG/KG	SW8260B
1,3,5-Trimethylbenzene	483 J	649	UG/KG	SW8260B
2-Butanone	5950	3250	UG/KG	SW8260B
Acetone	12500	3250	UG/KG	SW8260B
Benzene	435 J	649	UG/KG	SW8260B
Ethylbenzene	479 J	649	UG/KG	SW8260B
Isopropylbenzene (Cume	293 J	649	UG/KG	SW8260B

EXECUTIVE SUMMARY - Detection Highlights

2507467

Naphthalene	429 J	649	UG/KG	SW8260B
n-Butylbenzene	272 J	649	UG/KG	SW8260B
n-Propylbenzene	171 J	649	UG/KG	SW8260B
o-Xylene	886	649	UG/KG	SW8260B
p,m-Xylene	2790	1300	UG/KG	SW8260B
Toluene	3380	649	UG/KG	SW8260B
Phenol	128000 J	1790000	UG/KG	SW8270C

SAMPLE ID: NPPD27

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	114	9.75	MG/KG	SW6010B
Arsenic	6.38	0.975	MG/KG	SW6010B
Barium	4.09	0.487	MG/KG	SW6010B
Cadmium	0.178 B	0.487	MG/KG	SW6010B
Calcium	501	9.75	MG/KG	SW6010B
Chromium	3.17	0.487	MG/KG	SW6010B
Cobalt	0.817	0.487	MG/KG	SW6010B
Copper	5.15	0.487	MG/KG	SW6010B
Iron	481	4.87	MG/KG	SW6010B
Lead	6.31	0.663	MG/KG	SW6010B
Magnesium	45.5	9.75	MG/KG	SW6010B
Manganese	27.7	0.487	MG/KG	SW6010B
Nickel	1.48	0.487	MG/KG	SW6010B
Potassium	4410	48.7	MG/KG	SW6010B
Selenium	0.966 B	0.975	MG/KG	SW6010B
Sodium	6580	29.2	MG/KG	SW6010B
Vanadium	0.488	0.487	MG/KG	SW6010B
Zinc	13	0.975	MG/KG	SW6010B
Isopropylbenzene (Cume	754	641	UG/KG	SW8260B
Tetrachloroethene	937 J	1600	UG/KG	SW8260B
Toluene	214 J	641	UG/KG	SW8260B
Phenol	285000 J	1610000	UG/KG	SW8270C

SAMPLE ID: NPPD27DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	674	4.87	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507467

SAMPLE ID: NPPD28

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	29.3	9.62	MG/KG	SW6010B
Antimony	99.8	0.962	MG/KG	SW6010B
Arsenic	1.87	0.962	MG/KG	SW6010B
Barium	0.737	0.481	MG/KG	SW6010B
Cadmium	0.119 B	0.481	MG/KG	SW6010B
Calcium	594	9.62	MG/KG	SW6010B
Chromium	0.429 B	0.481	MG/KG	SW6010B
Cobalt	0.557	0.481	MG/KG	SW6010B
Copper	0.385 B	0.481	MG/KG	SW6010B
Iron	278	4.81	MG/KG	SW6010B
Lead	0.686	0.654	MG/KG	SW6010B
Magnesium	44.5	9.62	MG/KG	SW6010B
Manganese	18.4	0.481	MG/KG	SW6010B
Nickel	0.552	0.481	MG/KG	SW6010B
Potassium	576	48.1	MG/KG	SW6010B
Selenium	0.544 B	0.962	MG/KG	SW6010B
Sodium	861	28.8	MG/KG	SW6010B
Zinc	2.99	0.962	MG/KG	SW6010B
Isopropylbenzene (Cume	358 J	1340	UG/KG	SW8260B

SAMPLE ID: NPPD29

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	98.7	9.65	MG/KG	SW6010B
Antimony	469	0.965	MG/KG	SW6010B
Arsenic	5.75	0.965	MG/KG	SW6010B
Barium	3.54	0.483	MG/KG	SW6010B
Cadmium	0.164 B	0.483	MG/KG	SW6010B
Calcium	555	9.65	MG/KG	SW6010B
Chromium	2.55	0.483	MG/KG	SW6010B
Cobalt	0.726	0.483	MG/KG	SW6010B
Copper	4.26	0.483	MG/KG	SW6010B
Iron	838	4.83	MG/KG	SW6010B
Lead	5.56	0.656	MG/KG	SW6010B
Magnesium	57.8	9.65	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Manganese	28.4	0.483	MG/KG	SW6010B
Nickel	1.17	0.483	MG/KG	SW6010B
Potassium	1220	48.3	MG/KG	SW6010B
Selenium	0.559 B	0.965	MG/KG	SW6010B
Sodium	2150	29	MG/KG	SW6010B
Vanadium	0.417 B	0.483	MG/KG	SW6010B
Zinc	11.6	0.965	MG/KG	SW6010B
Acetone	4010	3120	UG/KG	SW8260B
Isopropylbenzene (Cume	700	625	UG/KG	SW8260B
Tetrachloroethene	903 J	1560	UG/KG	SW8260B
Phenol	58700 J	1720000	UG/KG	SW8270C

SAMPLE ID: NPPD8

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	13.6	9.84	MG/KG	SW6010B
Antimony	160	0.984	MG/KG	SW6010B
Arsenic	2.37	0.984	MG/KG	SW6010B
Barium	0.914	0.492	MG/KG	SW6010B
Calcium	89.3	9.84	MG/KG	SW6010B
Cobalt	0.268 B	0.492	MG/KG	SW6010B
Copper	0.716	0.492	MG/KG	SW6010B
Iron	150	4.92	MG/KG	SW6010B
Magnesium	26.9	9.84	MG/KG	SW6010B
Manganese	1.04	0.492	MG/KG	SW6010B
Nickel	0.396 B	0.492	MG/KG	SW6010B
Potassium	393	49.2	MG/KG	SW6010B
Selenium	1.55	0.984	MG/KG	SW6010B
Sodium	4880	29.5	MG/KG	SW6010B
Zinc	3.04	0.984	MG/KG	SW6010B
Mercury	0.00348 B	0.02	MG/KG	SW7470A
4-Methylphenol	41500 J	297000	UG/KG	SW8270C
Phenol	1620000	1480000	UG/KG	SW8270C

SAMPLE ID: NPPD9

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	142	0.986	MG/KG	SW6010B
Arsenic	1.61	0.986	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Barium	0.336 B	0.493	MG/KG	SW6010B
Calcium	84.8	9.86	MG/KG	SW6010B
Cobalt	0.217 B	0.493	MG/KG	SW6010B
Iron	68	4.93	MG/KG	SW6010B
Magnesium	18.7	9.86	MG/KG	SW6010B
Manganese	0.556	0.493	MG/KG	SW6010B
Nickel	0.29 B	0.493	MG/KG	SW6010B
Potassium	226	49.3	MG/KG	SW6010B
Selenium	2.12	0.986	MG/KG	SW6010B
Sodium	2790	29.6	MG/KG	SW6010B
Zinc	1.01	0.986	MG/KG	SW6010B
Acetone	3520	3500	UG/KG	SW8260B
4-Methylphenol	70400 J	342000	UG/KG	SW8270C
Phenol	1500000 J	1710000	UG/KG	SW8270C

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample NPPD143 was recovered below criteria for Dibromofluoromethane at 0 % with criteria of (68-119).

Sample NPPD145 was recovered below criteria for Dibromofluoromethane at 57 % with criteria of (68-119).

No further action was taken, since the three other surrogates met acceptance criteria for these samples. It appears that there is a matrix effect that decreases the response of DBFM, which has been noted in previous SDGs from this project. Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

Samples NPPD141, NPPD143 and NPPD28 were analyzed at a 1:100 dilution due to foaming upon the purging process.

Samples NPPD144 and NPPD146 required a 1:500 dilution due to a high concentration of Acetone based on the screening process. These are the only dilutions analyzed and reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/07/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Method: 8260

EPA Sample No	Lab Sample ID
NPPD146	250746701
NPPD144	250746702
NPPD156	250746703
NPPD145	250746704
NPPD155	250746705
NPPD157	250746706
NPPD158	250746707
NPPD149	250746708
NPPD134	250746709
NPPD150	250746710
NPPD141	250746711
NPPD8	250746712
NPPD9	250746713
NPPD27	250746714
NPPD28	250746715
NPPD143	250746716
NPPD29	250746717
NPPD139	250746718

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD146

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746701 Lab File ID: 46701M.D

Sample wt/vol: 1.58 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0840

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	6330	U
74-87-3	Chloromethane	6330	U
75-01-4	Vinyl chloride	6330	U
74-83-9	Bromomethane	6330	U
75-00-3	Chloroethane	15800	U
75-69-4	Trichlorofluoromethane	6330	U
75-35-4	1,1-Dichloroethene	6330	U
107-02-8	Acrolein	79100	U
74-88-4	Methyl iodide	6330	U
75-15-0	Carbon disulfide	6330	U
75-09-2	Methylene chloride	15800	U
156-60-5	trans-1,2-Dichloroethene	6330	U
107-13-1	Acrylonitrile	15800	U
75-34-3	1,1-Dichloroethane	6330	U
67-64-1	Acetone	167000	
594-20-7	2,2-Dichloropropane	6330	U
156-59-2	cis-1,2-Dichloroethene	6330	U
74-97-5	Bromochloromethane	6330	U
78-93-3	2-Butanone	12200	J
67-66-3	Chloroform	6330	U
71-55-6	1,1,1-Trichloroethane	6330	U
56-23-5	Carbon tetrachloride	6330	U
563-58-6	1,1-Dichloropropene	6330	U
71-43-2	Benzene	6330	U
107-06-2	1,2-Dichloroethane	6330	U
79-01-6	Trichloroethene	6330	U
108-05-4	Vinyl acetate	12600	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD146

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746701 Lab File ID: 46701M.D

Sample wt/vol: 1.58 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0840

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	6330	U
74-95-3	Dibromomethane	6330	U
75-27-4	Bromodichloromethane	6330	U
10061-01-5	cis-1,3-Dichloropropene	6330	U
108-10-1	4-Methyl-2-pentanone	45300	
108-88-3	Toluene	6330	U
10061-02-6	trans-1,3-Dichloropropene	6330	U
79-00-5	1,1,2-Trichloroethane	6330	U
127-18-4	Tetrachloroethene	15800	U
142-28-9	1,3-Dichloropropane	6330	U
591-78-6	2-Hexanone	12600	U
124-48-1	Dibromochloromethane	6330	U
106-93-4	1,2-Dibromoethane(EDB)	6330	U
108-90-7	Chlorobenzene	6330	U
630-20-6	1,1,1,2-Tetrachloroethane	6330	U
100-41-4	Ethylbenzene	6330	U
511-39-00	p,m-Xylene	12600	U
95-47-6	o-Xylene	6330	U
100-42-5	Styrene	6330	U
75-25-2	Bromoform	15800	U
98-82-8	Isopropylbenzene (Cumene)	6330	U
108-86-1	Bromobenzene	6330	U
79-34-5	1,1,2,2-Tetrachloroethane	6330	U
96-18-4	1,2,3-Trichloropropane	6330	U
103-65-1	n-Propylbenzene	6330	U
95-49-8	2-Chlorotoluene	6330	U
106-43-4	4-Chlorotoluene	6330	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD146

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746701 Lab File ID: 46701M.D

Sample wt/vol: 1.58 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0840

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	6330	U
98-06-6	tert-Butylbenzene	6330	U
95-63-6	1,2,4-Trimethylbenzene	6330	U
135-98-8	sec-Butylbenzene	6330	U
541-73-1	1,3-Dichlorobenzene	6330	U
106-46-7	1,4-Dichlorobenzene	6330	U
99-87-6	4-Isopropyltoluene	6330	U
104-51-8	n-Butylbenzene	6330	U
95-50-1	1,2-Dichlorobenzene	6330	U
96-12-8	1,2-Dibromo-3-chloropropane	31600	U
120-82-1	1,2,4-Trichlorobenzene	6330	U
87-68-3	Hexachlorobutadiene	9490	U
91-20-3	Naphthalene	6330	U
87-61-6	1,2,3-Trichlorobenzene	6330	U
1634-04-4	MTBE	6330	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD144

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746702 Lab File ID: 46702M.D

Sample wt/vol: 0.87 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0904

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	11500	U
74-87-3	Chloromethane	11500	U
75-01-4	Vinyl chloride	11500	U
74-83-9	Bromomethane	11500	U
75-00-3	Chloroethane	28700	U
75-69-4	Trichlorofluoromethane	11500	U
75-35-4	1,1-Dichloroethene	11500	U
107-02-8	Acrolein	144000	U
74-88-4	Methyl iodide	11500	U
75-15-0	Carbon disulfide	11500	U
75-09-2	Methylene chloride	28700	U
156-60-5	trans-1,2-Dichloroethene	11500	U
107-13-1	Acrylonitrile	28700	U
75-34-3	1,1-Dichloroethane	11500	U
67-64-1	Acetone	290000	
594-20-7	2,2-Dichloropropane	11500	U
156-59-2	cis-1,2-Dichloroethene	11500	U
74-97-5	Bromochloromethane	11500	U
78-93-3	2-Butanone	57500	U
67-66-3	Chloroform	11500	U
71-55-6	1,1,1-Trichloroethane	11500	U
56-23-5	Carbon tetrachloride	11500	U
563-58-6	1,1-Dichloropropene	11500	U
71-43-2	Benzene	11500	U
107-06-2	1,2-Dichloroethane	11500	U
79-01-6	Trichloroethene	11500	U
108-05-4	Vinyl acetate	23000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD144

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746702 Lab File ID: 46702M.D

Sample wt/vol: 0.87 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0904

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	11500	U
74-95-3	Dibromomethane	11500	U
75-27-4	Bromodichloromethane	11500	U
10061-01-5	cis-1,3-Dichloropropene	11500	U
108-10-1	4-Methyl-2-pentanone	23000	U
108-88-3	Toluene	11500	U
10061-02-6	trans-1,3-Dichloropropene	11500	U
79-00-5	1,1,2-Trichloroethane	11500	U
127-18-4	Tetrachloroethene	28700	U
142-28-9	1,3-Dichloropropane	11500	U
591-78-6	2-Hexanone	23000	U
124-48-1	Dibromochloromethane	11500	U
106-93-4	1,2-Dibromoethane(EDB)	11500	U
108-90-7	Chlorobenzene	11500	U
630-20-6	1,1,1,2-Tetrachloroethane	11500	U
100-41-4	Ethylbenzene	11500	U
511-39-00	p,m-Xylene	23000	U
95-47-6	o-Xylene	11500	U
100-42-5	Styrene	11500	U
75-25-2	Bromoform	28700	U
98-82-8	Isopropylbenzene (Cumene)	11500	U
108-86-1	Bromobenzene	11500	U
79-34-5	1,1,2,2-Tetrachloroethane	11500	U
96-18-4	1,2,3-Trichloropropane	11500	U
103-65-1	n-Propylbenzene	11500	U
95-49-8	2-Chlorotoluene	11500	U
106-43-4	4-Chlorotoluene	11500	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD144

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746702 Lab File ID: 46702M.D

Sample wt/vol: 0.87 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0904

PercentSolids: 100 decanted : (Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	11500	U
98-06-6	tert-Butylbenzene	11500	U
95-63-6	1,2,4-Trimethylbenzene	11500	U
135-98-8	sec-Butylbenzene	11500	U
541-73-1	1,3-Dichlorobenzene	11500	U
106-46-7	1,4-Dichlorobenzene	11500	U
99-87-6	4-Isopropyltoluene	11500	U
104-51-8	n-Butylbenzene	11500	U
95-50-1	1,2-Dichlorobenzene	11500	U
96-12-8	1,2-Dibromo-3-chloropropane	57500	U
120-82-1	1,2,4-Trichlorobenzene	11500	U
87-68-3	Hexachlorobutadiene	17200	U
91-20-3	Naphthalene	11500	U
87-61-6	1,2,3-Trichlorobenzene	11500	U
1634-04-4	MTBE	11500	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD156

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746703 Lab File ID: 46703M.D

Sample wt/vol: 1.3 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0927

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	769	U
74-87-3	Chloromethane	769	U
75-01-4	Vinyl chloride	769	U
74-83-9	Bromomethane	769	U
75-00-3	Chloroethane	1920	U
75-69-4	Trichlorofluoromethane	769	U
75-35-4	1,1-Dichloroethene	769	U
107-02-8	Acrolein	9620	U
74-88-4	Methyl iodide	769	U
75-15-0	Carbon disulfide	769	U
75-09-2	Methylene chloride	1920	U
156-60-5	trans-1,2-Dichloroethene	769	U
107-13-1	Acrylonitrile	1920	U
75-34-3	1,1-Dichloroethane	769	U
67-64-1	Acetone	6530	
594-20-7	2,2-Dichloropropane	769	U
156-59-2	cis-1,2-Dichloroethene	769	U
74-97-5	Bromochloromethane	769	U
78-93-3	2-Butanone	3850	U
67-66-3	Chloroform	769	U
71-55-6	1,1,1-Trichloroethane	769	U
56-23-5	Carbon tetrachloride	769	U
563-58-6	1,1-Dichloropropene	769	U
71-43-2	Benzene	769	U
107-06-2	1,2-Dichloroethane	769	U
79-01-6	Trichloroethene	769	U
108-05-4	Vinyl acetate	1540	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD156

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746703 Lab File ID: 46703M.D

Sample wt/vol: 1.3 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0927

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	769	U
74-95-3	Dibromomethane	769	U
75-27-4	Bromodichloromethane	769	U
10061-01-5	cis-1,3-Dichloropropene	769	U
108-10-1	4-Methyl-2-pentanone	1540	U
108-88-3	Toluene	769	U
10061-02-6	trans-1,3-Dichloropropene	769	U
79-00-5	1,1,2-Trichloroethane	769	U
127-18-4	Tetrachloroethene	1920	U
142-28-9	1,3-Dichloropropane	769	U
591-78-6	2-Hexanone	1540	U
124-48-1	Dibromochloromethane	769	U
106-93-4	1,2-Dibromoethane(EDB)	769	U
108-90-7	Chlorobenzene	769	U
630-20-6	1,1,1,2-Tetrachloroethane	769	U
100-41-4	Ethylbenzene	769	U
511-39-00	p,m-Xylene	1540	U
95-47-6	o-Xylene	769	U
100-42-5	Styrene	769	U
75-25-2	Bromoform	1920	U
98-82-8	Isopropylbenzene (Cumene)	769	U
108-86-1	Bromobenzene	769	U
79-34-5	1,1,2,2-Tetrachloroethane	769	U
96-18-4	1,2,3-Trichloropropane	769	U
103-65-1	n-Propylbenzene	769	U
95-49-8	2-Chlorotoluene	769	U
106-43-4	4-Chlorotoluene	769	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD156

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746703 Lab File ID: 46703M.D

Sample wt/vol: 1.3 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0927

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	769	U
98-06-6	tert-Butylbenzene	769	U
95-63-6	1,2,4-Trimethylbenzene	769	U
135-98-8	sec-Butylbenzene	769	U
541-73-1	1,3-Dichlorobenzene	769	U
106-46-7	1,4-Dichlorobenzene	769	U
99-87-6	4-Isopropyltoluene	769	U
104-51-8	n-Butylbenzene	769	U
95-50-1	1,2-Dichlorobenzene	769	U
96-12-8	1,2-Dibromo-3-chloropropane	3850	U
120-82-1	1,2,4-Trichlorobenzene	769	U
87-68-3	Hexachlorobutadiene	1150	U
91-20-3	Naphthalene	769	U
87-61-6	1,2,3-Trichlorobenzene	769	U
1634-04-4	MTBE	769	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD145

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746704 Lab File ID: 46704M.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0951

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	952	U
74-87-3	Chloromethane	952	U
75-01-4	Vinyl chloride	952	U
74-83-9	Bromomethane	952	U
75-00-3	Chloroethane	2380	U
75-69-4	Trichlorofluoromethane	952	U
75-35-4	1,1-Dichloroethene	952	U
107-02-8	Acrolein	11900	U
74-88-4	Methyl iodide	952	U
75-15-0	Carbon disulfide	952	U
75-09-2	Methylene chloride	2380	U
156-60-5	trans-1,2-Dichloroethene	952	U
107-13-1	Acrylonitrile	2380	U
75-34-3	1,1-Dichloroethane	952	U
67-64-1	Acetone	27500	
594-20-7	2,2-Dichloropropane	952	U
156-59-2	cis-1,2-Dichloroethene	952	U
74-97-5	Bromochloromethane	952	U
78-93-3	2-Butanone	12500	
67-66-3	Chloroform	952	U
71-55-6	1,1,1-Trichloroethane	952	U
56-23-5	Carbon tetrachloride	952	U
563-58-6	1,1-Dichloropropene	952	U
71-43-2	Benzene	952	U
107-06-2	1,2-Dichloroethane	952	U
79-01-6	Trichloroethene	952	U
108-05-4	Vinyl acetate	1900	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD145

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746704 Lab File ID: 46704M.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0951

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	952	U
74-95-3	Dibromomethane	952	U
75-27-4	Bromodichloromethane	952	U
10061-01-5	cis-1,3-Dichloropropene	952	U
108-10-1	4-Methyl-2-pentanone	1900	U
108-88-3	Toluene	952	U
10061-02-6	trans-1,3-Dichloropropene	952	U
79-00-5	1,1,2-Trichloroethane	952	U
127-18-4	Tetrachloroethene	2380	U
142-28-9	1,3-Dichloropropane	952	U
591-78-6	2-Hexanone	1900	U
124-48-1	Dibromochloromethane	952	U
106-93-4	1,2-Dibromoethane(EDB)	952	U
108-90-7	Chlorobenzene	952	U
630-20-6	1,1,1,2-Tetrachloroethane	952	U
100-41-4	Ethylbenzene	952	U
511-39-00	p,m-Xylene	1900	U
95-47-6	o-Xylene	952	U
100-42-5	Styrene	952	U
75-25-2	Bromoform	2380	U
98-82-8	Isopropylbenzene (Cumene)	952	U
108-86-1	Bromobenzene	952	U
79-34-5	1,1,2,2-Tetrachloroethane	952	U
96-18-4	1,2,3-Trichloropropane	952	U
103-65-1	n-Propylbenzene	952	U
95-49-8	2-Chlorotoluene	952	U
106-43-4	4-Chlorotoluene	952	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD145

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746704 Lab File ID: 46704M.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0951

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	952	U
98-06-6	tert-Butylbenzene	952	U
95-63-6	1,2,4-Trimethylbenzene	952	U
135-98-8	sec-Butylbenzene	952	U
541-73-1	1,3-Dichlorobenzene	952	U
106-46-7	1,4-Dichlorobenzene	952	U
99-87-6	4-Isopropyltoluene	952	U
104-51-8	n-Butylbenzene	952	U
95-50-1	1,2-Dichlorobenzene	952	U
96-12-8	1,2-Dibromo-3-chloropropane	4760	U
120-82-1	1,2,4-Trichlorobenzene	952	U
87-68-3	Hexachlorobutadiene	1430	U
91-20-3	Naphthalene	952	U
87-61-6	1,2,3-Trichlorobenzene	952	U
1634-04-4	MTBE	952	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD155

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746705 Lab File ID: 46705M.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1014

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	741	U
74-87-3	Chloromethane	741	U
75-01-4	Vinyl chloride	741	U
74-83-9	Bromomethane	741	U
75-00-3	Chloroethane	1850	U
75-69-4	Trichlorofluoromethane	741	U
75-35-4	1,1-Dichloroethene	741	U
107-02-8	Acrolein	9260	U
74-88-4	Methyl iodide	741	U
75-15-0	Carbon disulfide	741	U
75-09-2	Methylene chloride	1850	U
156-60-5	trans-1,2-Dichloroethene	741	U
107-13-1	Acrylonitrile	1850	U
75-34-3	1,1-Dichloroethane	741	U
67-64-1	Acetone	22500	
594-20-7	2,2-Dichloropropane	741	U
156-59-2	cis-1,2-Dichloroethene	741	U
74-97-5	Bromochloromethane	741	U
78-93-3	2-Butanone	6840	
67-66-3	Chloroform	741	U
71-55-6	1,1,1-Trichloroethane	741	U
56-23-5	Carbon tetrachloride	741	U
563-58-6	1,1-Dichloropropene	741	U
71-43-2	Benzene	555	J
107-06-2	1,2-Dichloroethane	741	U
79-01-6	Trichloroethene	741	U
108-05-4	Vinyl acetate	1480	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD155

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746705 Lab File ID: 46705M.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1014

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	741	U
74-95-3	Dibromomethane	741	U
75-27-4	Bromodichloromethane	741	U
10061-01-5	cis-1,3-Dichloropropene	741	U
108-10-1	4-Methyl-2-pentanone	1480	U
108-88-3	Toluene	4160	
10061-02-6	trans-1,3-Dichloropropene	741	U
79-00-5	1,1,2-Trichloroethane	741	U
127-18-4	Tetrachloroethene	1850	U
142-28-9	1,3-Dichloropropane	741	U
591-78-6	2-Hexanone	1480	U
124-48-1	Dibromochloromethane	741	U
106-93-4	1,2-Dibromoethane(EDB)	741	U
108-90-7	Chlorobenzene	741	U
630-20-6	1,1,1,2-Tetrachloroethane	741	U
100-41-4	Ethylbenzene	602	J
511-39-00	p,m-Xylene	3450	
95-47-6	o-Xylene	1050	
100-42-5	Styrene	741	U
75-25-2	Bromoform	1850	U
98-82-8	Isopropylbenzene (Cumene)	351	J
108-86-1	Bromobenzene	741	U
79-34-5	1,1,2,2-Tetrachloroethane	741	U
96-18-4	1,2,3-Trichloropropane	741	U
103-65-1	n-Propylbenzene	203	J
95-49-8	2-Chlorotoluene	741	U
106-43-4	4-Chlorotoluene	741	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD155

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746705 Lab File ID: 46705M.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1014

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	598	J
98-06-6	tert-Butylbenzene	741	U
95-63-6	1,2,4-Trimethylbenzene	1080	
135-98-8	sec-Butylbenzene	741	U
541-73-1	1,3-Dichlorobenzene	741	U
106-46-7	1,4-Dichlorobenzene	741	U
99-87-6	4-Isopropyltoluene	741	U
104-51-8	n-Butylbenzene	356	J
95-50-1	1,2-Dichlorobenzene	741	U
96-12-8	1,2-Dibromo-3-chloropropane	3700	U
120-82-1	1,2,4-Trichlorobenzene	741	U
87-68-3	Hexachlorobutadiene	1110	U
91-20-3	Naphthalene	539	J
87-61-6	1,2,3-Trichlorobenzene	741	U
1634-04-4	MTBE	741	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD157

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746706 Lab File ID: 46706M.D

Sample wt/vol: 1.52 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1038

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	658	U
74-87-3	Chloromethane	658	U
75-01-4	Vinyl chloride	658	U
74-83-9	Bromomethane	658	U
75-00-3	Chloroethane	1640	U
75-69-4	Trichlorofluoromethane	658	U
75-35-4	1,1-Dichloroethene	658	U
107-02-8	Acrolein	8220	U
74-88-4	Methyl iodide	658	U
75-15-0	Carbon disulfide	658	U
75-09-2	Methylene chloride	1640	U
156-60-5	trans-1,2-Dichloroethene	658	U
107-13-1	Acrylonitrile	1640	U
75-34-3	1,1-Dichloroethane	658	U
67-64-1	Acetone	9990	
594-20-7	2,2-Dichloropropane	658	U
156-59-2	cis-1,2-Dichloroethene	658	U
74-97-5	Bromochloromethane	658	U
78-93-3	2-Butanone	1390	J
67-66-3	Chloroform	658	U
71-55-6	1,1,1-Trichloroethane	658	U
56-23-5	Carbon tetrachloride	658	U
563-58-6	1,1-Dichloropropene	658	U
71-43-2	Benzene	658	U
107-06-2	1,2-Dichloroethane	658	U
79-01-6	Trichloroethene	658	U
108-05-4	Vinyl acetate	1320	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD157

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746706 Lab File ID: 46706M.D

Sample wt/vol: 1.52 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1038

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	658	U
74-95-3	Dibromomethane	658	U
75-27-4	Bromodichloromethane	658	U
10061-01-5	cis-1,3-Dichloropropene	658	U
108-10-1	4-Methyl-2-pentanone	1320	U
108-88-3	Toluene	460	J
10061-02-6	trans-1,3-Dichloropropene	658	U
79-00-5	1,1,2-Trichloroethane	658	U
127-18-4	Tetrachloroethene	1640	U
142-28-9	1,3-Dichloropropane	658	U
591-78-6	2-Hexanone	1320	U
124-48-1	Dibromochloromethane	658	U
106-93-4	1,2-Dibromoethane(EDB)	658	U
108-90-7	Chlorobenzene	658	U
630-20-6	1,1,1,2-Tetrachloroethane	658	U
100-41-4	Ethylbenzene	658	U
511-39-00	p,m-Xylene	1320	U
95-47-6	o-Xylene	658	U
100-42-5	Styrene	658	U
75-25-2	Bromoform	1640	U
98-82-8	Isopropylbenzene (Cumene)	658	U
108-86-1	Bromobenzene	658	U
79-34-5	1,1,2,2-Tetrachloroethane	658	U
96-18-4	1,2,3-Trichloropropane	658	U
103-65-1	n-Propylbenzene	658	U
95-49-8	2-Chlorotoluene	658	U
106-43-4	4-Chlorotoluene	658	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD157

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746706 Lab File ID: 46706M.D

Sample wt/vol: 1.52 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1038

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	658	U
98-06-6	tert-Butylbenzene	658	U
95-63-6	1,2,4-Trimethylbenzene	658	U
135-98-8	sec-Butylbenzene	658	U
541-73-1	1,3-Dichlorobenzene	658	U
106-46-7	1,4-Dichlorobenzene	658	U
99-87-6	4-Isopropyltoluene	658	U
104-51-8	n-Butylbenzene	658	U
95-50-1	1,2-Dichlorobenzene	658	U
96-12-8	1,2-Dibromo-3-chloropropane	3290	U
120-82-1	1,2,4-Trichlorobenzene	658	U
87-68-3	Hexachlorobutadiene	987	U
91-20-3	Naphthalene	658	U
87-61-6	1,2,3-Trichlorobenzene	658	U
1634-04-4	MTBE	658	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD158

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746707 Lab File ID: 46707M.D

Sample wt/vol: 1.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1101

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	649	U
74-87-3	Chloromethane	649	U
75-01-4	Vinyl chloride	649	U
74-83-9	Bromomethane	649	U
75-00-3	Chloroethane	1620	U
75-69-4	Trichlorofluoromethane	649	U
75-35-4	1,1-Dichloroethene	649	U
107-02-8	Acrolein	8120	U
74-88-4	Methyl iodide	649	U
75-15-0	Carbon disulfide	649	U
75-09-2	Methylene chloride	1620	U
156-60-5	trans-1,2-Dichloroethene	649	U
107-13-1	Acrylonitrile	1620	U
75-34-3	1,1-Dichloroethane	649	U
67-64-1	Acetone	12500	
594-20-7	2,2-Dichloropropane	649	U
156-59-2	cis-1,2-Dichloroethene	649	U
74-97-5	Bromochloromethane	649	U
78-93-3	2-Butanone	5950	
67-66-3	Chloroform	649	U
71-55-6	1,1,1-Trichloroethane	649	U
56-23-5	Carbon tetrachloride	649	U
563-58-6	1,1-Dichloropropene	649	U
71-43-2	Benzene	435	J
107-06-2	1,2-Dichloroethane	649	U
79-01-6	Trichloroethene	649	U
108-05-4	Vinyl acetate	1300	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD158

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746707 Lab File ID: 46707M.D

Sample wt/vol: 1.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1101

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	649	U
74-95-3	Dibromomethane	649	U
75-27-4	Bromodichloromethane	649	U
10061-01-5	cis-1,3-Dichloropropene	649	U
108-10-1	4-Methyl-2-pentanone	1300	U
108-88-3	Toluene	3380	
10061-02-6	trans-1,3-Dichloropropene	649	U
79-00-5	1,1,2-Trichloroethane	649	U
127-18-4	Tetrachloroethene	1620	U
142-28-9	1,3-Dichloropropane	649	U
591-78-6	2-Hexanone	1300	U
124-48-1	Dibromochloromethane	649	U
106-93-4	1,2-Dibromoethane(EDB)	649	U
108-90-7	Chlorobenzene	649	U
630-20-6	1,1,1,2-Tetrachloroethane	649	U
100-41-4	Ethylbenzene	479	J
511-39-00	p,m-Xylene	2790	
95-47-6	o-Xylene	886	
100-42-5	Styrene	649	U
75-25-2	Bromoform	1620	U
98-82-8	Isopropylbenzene (Cumene)	293	J
108-86-1	Bromobenzene	649	U
79-34-5	1,1,2,2-Tetrachloroethane	649	U
96-18-4	1,2,3-Trichloropropane	649	U
103-65-1	n-Propylbenzene	171	J
95-49-8	2-Chlorotoluene	649	U
106-43-4	4-Chlorotoluene	649	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD158

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746707 Lab File ID: 46707M.D

Sample wt/vol: 1.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1101

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	483	J
98-06-6	tert-Butylbenzene	649	U
95-63-6	1,2,4-Trimethylbenzene	904	
135-98-8	sec-Butylbenzene	649	U
541-73-1	1,3-Dichlorobenzene	649	U
106-46-7	1,4-Dichlorobenzene	649	U
99-87-6	4-Isopropyltoluene	649	U
104-51-8	n-Butylbenzene	272	J
95-50-1	1,2-Dichlorobenzene	649	U
96-12-8	1,2-Dibromo-3-chloropropane	3250	U
120-82-1	1,2,4-Trichlorobenzene	649	U
87-68-3	Hexachlorobutadiene	974	U
91-20-3	Naphthalene	429	J
87-61-6	1,2,3-Trichlorobenzene	649	U
1634-04-4	MTBE	649	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD149

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746708 Lab File ID: 46708M.D

Sample wt/vol: 1.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1125

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	645	U
74-87-3	Chloromethane	645	U
75-01-4	Vinyl chloride	645	U
74-83-9	Bromomethane	645	U
75-00-3	Chloroethane	1610	U
75-69-4	Trichlorofluoromethane	645	U
75-35-4	1,1-Dichloroethene	645	U
107-02-8	Acrolein	8060	U
74-88-4	Methyl iodide	645	U
75-15-0	Carbon disulfide	645	U
75-09-2	Methylene chloride	1610	U
156-60-5	trans-1,2-Dichloroethene	645	U
107-13-1	Acrylonitrile	1610	U
75-34-3	1,1-Dichloroethane	645	U
67-64-1	Acetone	3220	U
594-20-7	2,2-Dichloropropane	645	U
156-59-2	cis-1,2-Dichloroethene	645	U
74-97-5	Bromochloromethane	645	U
78-93-3	2-Butanone	3220	U
67-66-3	Chloroform	645	U
71-55-6	1,1,1-Trichloroethane	645	U
56-23-5	Carbon tetrachloride	645	U
563-58-6	1,1-Dichloropropene	645	U
71-43-2	Benzene	645	U
107-06-2	1,2-Dichloroethane	645	U
79-01-6	Trichloroethene	645	U
108-05-4	Vinyl acetate	1290	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD149

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746708 Lab File ID: 46708M.D

Sample wt/vol: 1.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1125

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	645	U
74-95-3	Dibromomethane	645	U
75-27-4	Bromodichloromethane	645	U
10061-01-5	cis-1,3-Dichloropropene	645	U
108-10-1	4-Methyl-2-pentanone	1290	U
108-88-3	Toluene	645	U
10061-02-6	trans-1,3-Dichloropropene	645	U
79-00-5	1,1,2-Trichloroethane	645	U
127-18-4	Tetrachloroethene	1610	U
142-28-9	1,3-Dichloropropane	645	U
591-78-6	2-Hexanone	1290	U
124-48-1	Dibromochloromethane	645	U
106-93-4	1,2-Dibromoethane(EDB)	645	U
108-90-7	Chlorobenzene	645	U
630-20-6	1,1,1,2-Tetrachloroethane	645	U
100-41-4	Ethylbenzene	645	U
511-39-00	p,m-Xylene	1290	U
95-47-6	o-Xylene	645	U
100-42-5	Styrene	645	U
75-25-2	Bromoform	1610	U
98-82-8	Isopropylbenzene (Cumene)	645	U
108-86-1	Bromobenzene	645	U
79-34-5	1,1,2,2-Tetrachloroethane	645	U
96-18-4	1,2,3-Trichloropropane	645	U
103-65-1	n-Propylbenzene	645	U
95-49-8	2-Chlorotoluene	645	U
106-43-4	4-Chlorotoluene	645	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD149

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746708 Lab File ID: 46708M.D

Sample wt/vol: 1.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1125

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	645	U
98-06-6	tert-Butylbenzene	645	U
95-63-6	1,2,4-Trimethylbenzene	645	U
135-98-8	sec-Butylbenzene	645	U
541-73-1	1,3-Dichlorobenzene	645	U
106-46-7	1,4-Dichlorobenzene	645	U
99-87-6	4-Isopropyltoluene	645	U
104-51-8	n-Butylbenzene	645	U
95-50-1	1,2-Dichlorobenzene	645	U
96-12-8	1,2-Dibromo-3-chloropropane	3220	U
120-82-1	1,2,4-Trichlorobenzene	645	U
87-68-3	Hexachlorobutadiene	968	U
91-20-3	Naphthalene	399	J
87-61-6	1,2,3-Trichlorobenzene	645	U
1634-04-4	MTBE	645	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD134

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746709 Lab File ID: 46709M.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1151

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	877	U
74-87-3	Chloromethane	877	U
75-01-4	Vinyl chloride	877	U
74-83-9	Bromomethane	877	U
75-00-3	Chloroethane	2190	U
75-69-4	Trichlorofluoromethane	877	U
75-35-4	1,1-Dichloroethene	877	U
107-02-8	Acrolein	11000	U
74-88-4	Methyl iodide	877	U
75-15-0	Carbon disulfide	877	U
75-09-2	Methylene chloride	2190	U
156-60-5	trans-1,2-Dichloroethene	877	U
107-13-1	Acrylonitrile	2190	U
75-34-3	1,1-Dichloroethane	877	U
67-64-1	Acetone	4380	U
594-20-7	2,2-Dichloropropane	877	U
156-59-2	cis-1,2-Dichloroethene	877	U
74-97-5	Bromochloromethane	877	U
78-93-3	2-Butanone	4380	U
67-66-3	Chloroform	877	U
71-55-6	1,1,1-Trichloroethane	877	U
56-23-5	Carbon tetrachloride	877	U
563-58-6	1,1-Dichloropropene	877	U
71-43-2	Benzene	252	J
107-06-2	1,2-Dichloroethane	477	J
79-01-6	Trichloroethene	877	U
108-05-4	Vinyl acetate	1750	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD134

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746709 Lab File ID: 46709M.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1151

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	877	U
74-95-3	Dibromomethane	877	U
75-27-4	Bromodichloromethane	877	U
10061-01-5	cis-1,3-Dichloropropene	877	U
108-10-1	4-Methyl-2-pentanone	1750	U
108-88-3	Toluene	503	J
10061-02-6	trans-1,3-Dichloropropene	877	U
79-00-5	1,1,2-Trichloroethane	877	U
127-18-4	Tetrachloroethene	2190	U
142-28-9	1,3-Dichloropropane	877	U
591-78-6	2-Hexanone	1750	U
124-48-1	Dibromochloromethane	877	U
106-93-4	1,2-Dibromoethane(EDB)	877	U
108-90-7	Chlorobenzene	877	U
630-20-6	1,1,1,2-Tetrachloroethane	877	U
100-41-4	Ethylbenzene	877	U
511-39-00	p,m-Xylene	1750	U
95-47-6	o-Xylene	877	U
100-42-5	Styrene	877	U
75-25-2	Bromoform	2190	U
98-82-8	Isopropylbenzene (Cumene)	877	U
108-86-1	Bromobenzene	877	U
79-34-5	1,1,2,2-Tetrachloroethane	877	U
96-18-4	1,2,3-Trichloropropane	877	U
103-65-1	n-Propylbenzene	877	U
95-49-8	2-Chlorotoluene	877	U
106-43-4	4-Chlorotoluene	877	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD134

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746709 Lab File ID: 46709M.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1151

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	877	U
98-06-6	tert-Butylbenzene	877	U
95-63-6	1,2,4-Trimethylbenzene	877	U
135-98-8	sec-Butylbenzene	877	U
541-73-1	1,3-Dichlorobenzene	877	U
106-46-7	1,4-Dichlorobenzene	877	U
99-87-6	4-Isopropyltoluene	877	U
104-51-8	n-Butylbenzene	877	U
95-50-1	1,2-Dichlorobenzene	877	U
96-12-8	1,2-Dibromo-3-chloropropane	4380	U
120-82-1	1,2,4-Trichlorobenzene	877	U
87-68-3	Hexachlorobutadiene	1320	U
91-20-3	Naphthalene	2050	
87-61-6	1,2,3-Trichlorobenzene	877	U
1634-04-4	MTBE	877	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD150

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746710 Lab File ID: 46710M.D

Sample wt/vol: 1.41 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0817

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	709	U
74-87-3	Chloromethane	709	U
75-01-4	Vinyl chloride	709	U
74-83-9	Bromomethane	709	U
75-00-3	Chloroethane	1770	U
75-69-4	Trichlorofluoromethane	709	U
75-35-4	1,1-Dichloroethene	709	U
107-02-8	Acrolein	8860	U
74-88-4	Methyl iodide	709	U
75-15-0	Carbon disulfide	709	U
75-09-2	Methylene chloride	1770	U
156-60-5	trans-1,2-Dichloroethene	709	U
107-13-1	Acrylonitrile	1770	U
75-34-3	1,1-Dichloroethane	709	U
67-64-1	Acetone	3550	U
594-20-7	2,2-Dichloropropane	709	U
156-59-2	cis-1,2-Dichloroethene	709	U
74-97-5	Bromochloromethane	709	U
78-93-3	2-Butanone	3550	U
67-66-3	Chloroform	709	U
71-55-6	1,1,1-Trichloroethane	709	U
56-23-5	Carbon tetrachloride	709	U
563-58-6	1,1-Dichloropropene	709	U
71-43-2	Benzene	709	U
107-06-2	1,2-Dichloroethane	709	U
79-01-6	Trichloroethene	709	U
108-05-4	Vinyl acetate	1420	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD150

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746710 Lab File ID: 46710M.D

Sample wt/vol: 1.41 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0817

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	709	U
74-95-3	Dibromomethane	709	U
75-27-4	Bromodichloromethane	709	U
10061-01-5	cis-1,3-Dichloropropene	709	U
108-10-1	4-Methyl-2-pentanone	1420	U
108-88-3	Toluene	709	U
10061-02-6	trans-1,3-Dichloropropene	709	U
79-00-5	1,1,2-Trichloroethane	709	U
127-18-4	Tetrachloroethene	1770	U
142-28-9	1,3-Dichloropropane	709	U
591-78-6	2-Hexanone	1420	U
124-48-1	Dibromochloromethane	709	U
106-93-4	1,2-Dibromoethane(EDB)	709	U
108-90-7	Chlorobenzene	709	U
630-20-6	1,1,1,2-Tetrachloroethane	709	U
100-41-4	Ethylbenzene	709	U
511-39-00	p,m-Xylene	1420	U
95-47-6	o-Xylene	709	U
100-42-5	Styrene	709	U
75-25-2	Bromoform	1770	U
98-82-8	Isopropylbenzene (Cumene)	709	U
108-86-1	Bromobenzene	709	U
79-34-5	1,1,2,2-Tetrachloroethane	709	U
96-18-4	1,2,3-Trichloropropane	709	U
103-65-1	n-Propylbenzene	709	U
95-49-8	2-Chlorotoluene	709	U
106-43-4	4-Chlorotoluene	709	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD150

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746710 Lab File ID: 46710M.D

Sample wt/vol: 1.41 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0817

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	709	U
98-06-6	tert-Butylbenzene	709	U
95-63-6	1,2,4-Trimethylbenzene	709	U
135-98-8	sec-Butylbenzene	709	U
541-73-1	1,3-Dichlorobenzene	709	U
106-46-7	1,4-Dichlorobenzene	709	U
99-87-6	4-Isopropyltoluene	709	U
104-51-8	n-Butylbenzene	709	U
95-50-1	1,2-Dichlorobenzene	709	U
96-12-8	1,2-Dibromo-3-chloropropane	3550	U
120-82-1	1,2,4-Trichlorobenzene	709	U
87-68-3	Hexachlorobutadiene	1060	U
91-20-3	Naphthalene	709	U
87-61-6	1,2,3-Trichlorobenzene	709	U
1634-04-4	MTBE	709	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD141

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746711 Lab File ID: 46711M.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1214

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1940	U
74-87-3	Chloromethane	1940	U
75-01-4	Vinyl chloride	1940	U
74-83-9	Bromomethane	1940	U
75-00-3	Chloroethane	4850	U
75-69-4	Trichlorofluoromethane	1940	U
75-35-4	1,1-Dichloroethene	1940	U
107-02-8	Acrolein	24300	U
74-88-4	Methyl iodide	1940	U
75-15-0	Carbon disulfide	1940	U
75-09-2	Methylene chloride	4850	U
156-60-5	trans-1,2-Dichloroethene	1940	U
107-13-1	Acrylonitrile	4850	U
75-34-3	1,1-Dichloroethane	1940	U
67-64-1	Acetone	9710	U
594-20-7	2,2-Dichloropropane	1940	U
156-59-2	cis-1,2-Dichloroethene	1940	U
74-97-5	Bromochloromethane	1940	U
78-93-3	2-Butanone	9710	U
67-66-3	Chloroform	1940	U
71-55-6	1,1,1-Trichloroethane	1940	U
56-23-5	Carbon tetrachloride	1940	U
563-58-6	1,1-Dichloropropene	1940	U
71-43-2	Benzene	1940	U
107-06-2	1,2-Dichloroethane	1940	U
79-01-6	Trichloroethene	1940	U
108-05-4	Vinyl acetate	3880	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD141

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746711 Lab File ID: 46711M.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1214

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1940	U
74-95-3	Dibromomethane	1940	U
75-27-4	Bromodichloromethane	1940	U
10061-01-5	cis-1,3-Dichloropropene	1940	U
108-10-1	4-Methyl-2-pentanone	3880	U
108-88-3	Toluene	1940	U
10061-02-6	trans-1,3-Dichloropropene	1940	U
79-00-5	1,1,2-Trichloroethane	1940	U
127-18-4	Tetrachloroethene	4850	U
142-28-9	1,3-Dichloropropane	1940	U
591-78-6	2-Hexanone	3880	U
124-48-1	Dibromochloromethane	1940	U
106-93-4	1,2-Dibromoethane(EDB)	1940	U
108-90-7	Chlorobenzene	1940	U
630-20-6	1,1,1,2-Tetrachloroethane	1940	U
100-41-4	Ethylbenzene	1940	U
511-39-00	p,m-Xylene	3880	U
95-47-6	o-Xylene	1940	U
100-42-5	Styrene	1940	U
75-25-2	Bromoform	4850	U
98-82-8	Isopropylbenzene (Cumene)	1940	U
108-86-1	Bromobenzene	1940	U
79-34-5	1,1,2,2-Tetrachloroethane	1940	U
96-18-4	1,2,3-Trichloropropane	1940	U
103-65-1	n-Propylbenzene	1940	U
95-49-8	2-Chlorotoluene	1940	U
106-43-4	4-Chlorotoluene	1940	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD141

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746711 Lab File ID: 46711M.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1214

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1940	U
98-06-6	tert-Butylbenzene	1940	U
95-63-6	1,2,4-Trimethylbenzene	1940	U
135-98-8	sec-Butylbenzene	1940	U
541-73-1	1,3-Dichlorobenzene	1940	U
106-46-7	1,4-Dichlorobenzene	1940	U
99-87-6	4-Isopropyltoluene	1940	U
104-51-8	n-Butylbenzene	1940	U
95-50-1	1,2-Dichlorobenzene	1940	U
96-12-8	1,2-Dibromo-3-chloropropane	9710	U
120-82-1	1,2,4-Trichlorobenzene	1940	U
87-68-3	Hexachlorobutadiene	2910	U
91-20-3	Naphthalene	1940	U
87-61-6	1,2,3-Trichlorobenzene	1940	U
1634-04-4	MTBE	1940	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD8

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746712 Lab File ID: 46712M.D

Sample wt/vol: 1.62 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1238

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	617	U
74-87-3	Chloromethane	617	U
75-01-4	Vinyl chloride	617	U
74-83-9	Bromomethane	617	U
75-00-3	Chloroethane	1540	U
75-69-4	Trichlorofluoromethane	617	U
75-35-4	1,1-Dichloroethene	617	U
107-02-8	Acrolein	7720	U
74-88-4	Methyl iodide	617	U
75-15-0	Carbon disulfide	617	U
75-09-2	Methylene chloride	1540	U
156-60-5	trans-1,2-Dichloroethene	617	U
107-13-1	Acrylonitrile	1540	U
75-34-3	1,1-Dichloroethane	617	U
67-64-1	Acetone	3090	U
594-20-7	2,2-Dichloropropane	617	U
156-59-2	cis-1,2-Dichloroethene	617	U
74-97-5	Bromochloromethane	617	U
78-93-3	2-Butanone	3090	U
67-66-3	Chloroform	617	U
71-55-6	1,1,1-Trichloroethane	617	U
56-23-5	Carbon tetrachloride	617	U
563-58-6	1,1-Dichloropropene	617	U
71-43-2	Benzene	617	U
107-06-2	1,2-Dichloroethane	617	U
79-01-6	Trichloroethene	617	U
108-05-4	Vinyl acetate	1230	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD8

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746712 Lab File ID: 46712M.D

Sample wt/vol: 1.62 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1238

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	617	U
74-95-3	Dibromomethane	617	U
75-27-4	Bromodichloromethane	617	U
10061-01-5	cis-1,3-Dichloropropene	617	U
108-10-1	4-Methyl-2-pentanone	1230	U
108-88-3	Toluene	617	U
10061-02-6	trans-1,3-Dichloropropene	617	U
79-00-5	1,1,2-Trichloroethane	617	U
127-18-4	Tetrachloroethene	1540	U
142-28-9	1,3-Dichloropropane	617	U
591-78-6	2-Hexanone	1230	U
124-48-1	Dibromochloromethane	617	U
106-93-4	1,2-Dibromoethane(EDB)	617	U
108-90-7	Chlorobenzene	617	U
630-20-6	1,1,1,2-Tetrachloroethane	617	U
100-41-4	Ethylbenzene	617	U
511-39-00	p,m-Xylene	1230	U
95-47-6	o-Xylene	617	U
100-42-5	Styrene	617	U
75-25-2	Bromoform	1540	U
98-82-8	Isopropylbenzene (Cumene)	617	U
108-86-1	Bromobenzene	617	U
79-34-5	1,1,2,2-Tetrachloroethane	617	U
96-18-4	1,2,3-Trichloropropane	617	U
103-65-1	n-Propylbenzene	617	U
95-49-8	2-Chlorotoluene	617	U
106-43-4	4-Chlorotoluene	617	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD8

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746712 Lab File ID: 46712M.D

Sample wt/vol: 1.62 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1238

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	617	U
98-06-6	tert-Butylbenzene	617	U
95-63-6	1,2,4-Trimethylbenzene	617	U
135-98-8	sec-Butylbenzene	617	U
541-73-1	1,3-Dichlorobenzene	617	U
106-46-7	1,4-Dichlorobenzene	617	U
99-87-6	4-Isopropyltoluene	617	U
104-51-8	n-Butylbenzene	617	U
95-50-1	1,2-Dichlorobenzene	617	U
96-12-8	1,2-Dibromo-3-chloropropane	3090	U
120-82-1	1,2,4-Trichlorobenzene	617	U
87-68-3	Hexachlorobutadiene	926	U
91-20-3	Naphthalene	617	U
87-61-6	1,2,3-Trichlorobenzene	617	U
1634-04-4	MTBE	617	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD9

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746713 Lab File ID: 46713M.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1302

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	699	U
74-87-3	Chloromethane	699	U
75-01-4	Vinyl chloride	699	U
74-83-9	Bromomethane	699	U
75-00-3	Chloroethane	1750	U
75-69-4	Trichlorofluoromethane	699	U
75-35-4	1,1-Dichloroethene	699	U
107-02-8	Acrolein	8740	U
74-88-4	Methyl iodide	699	U
75-15-0	Carbon disulfide	699	U
75-09-2	Methylene chloride	1750	U
156-60-5	trans-1,2-Dichloroethene	699	U
107-13-1	Acrylonitrile	1750	U
75-34-3	1,1-Dichloroethane	699	U
67-64-1	Acetone	3520	
594-20-7	2,2-Dichloropropane	699	U
156-59-2	cis-1,2-Dichloroethene	699	U
74-97-5	Bromochloromethane	699	U
78-93-3	2-Butanone	3500	U
67-66-3	Chloroform	699	U
71-55-6	1,1,1-Trichloroethane	699	U
56-23-5	Carbon tetrachloride	699	U
563-58-6	1,1-Dichloropropene	699	U
71-43-2	Benzene	699	U
107-06-2	1,2-Dichloroethane	699	U
79-01-6	Trichloroethene	699	U
108-05-4	Vinyl acetate	1400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD9

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746713 Lab File ID: 46713M.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1302

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	699	U
74-95-3	Dibromomethane	699	U
75-27-4	Bromodichloromethane	699	U
10061-01-5	cis-1,3-Dichloropropene	699	U
108-10-1	4-Methyl-2-pentanone	1400	U
108-88-3	Toluene	699	U
10061-02-6	trans-1,3-Dichloropropene	699	U
79-00-5	1,1,2-Trichloroethane	699	U
127-18-4	Tetrachloroethene	1750	U
142-28-9	1,3-Dichloropropane	699	U
591-78-6	2-Hexanone	1400	U
124-48-1	Dibromochloromethane	699	U
106-93-4	1,2-Dibromoethane(EDB)	699	U
108-90-7	Chlorobenzene	699	U
630-20-6	1,1,1,2-Tetrachloroethane	699	U
100-41-4	Ethylbenzene	699	U
511-39-00	p,m-Xylene	1400	U
95-47-6	o-Xylene	699	U
100-42-5	Styrene	699	U
75-25-2	Bromoform	1750	U
98-82-8	Isopropylbenzene (Cumene)	699	U
108-86-1	Bromobenzene	699	U
79-34-5	1,1,2,2-Tetrachloroethane	699	U
96-18-4	1,2,3-Trichloropropane	699	U
103-65-1	n-Propylbenzene	699	U
95-49-8	2-Chlorotoluene	699	U
106-43-4	4-Chlorotoluene	699	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD9

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746713 Lab File ID: 46713M.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1302

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	699	U
98-06-6	tert-Butylbenzene	699	U
95-63-6	1,2,4-Trimethylbenzene	699	U
135-98-8	sec-Butylbenzene	699	U
541-73-1	1,3-Dichlorobenzene	699	U
106-46-7	1,4-Dichlorobenzene	699	U
99-87-6	4-Isopropyltoluene	699	U
104-51-8	n-Butylbenzene	699	U
95-50-1	1,2-Dichlorobenzene	699	U
96-12-8	1,2-Dibromo-3-chloropropane	3500	U
120-82-1	1,2,4-Trichlorobenzene	699	U
87-68-3	Hexachlorobutadiene	1050	U
91-20-3	Naphthalene	699	U
87-61-6	1,2,3-Trichlorobenzene	699	U
1634-04-4	MTBE	699	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746714 Lab File ID: 46714M.D

Sample wt/vol: 1.56 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2329

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	641	U
74-87-3	Chloromethane	641	U
75-01-4	Vinyl chloride	641	U
74-83-9	Bromomethane	641	U
75-00-3	Chloroethane	1600	U
75-69-4	Trichlorofluoromethane	641	U
75-35-4	1,1-Dichloroethene	641	U
107-02-8	Acrolein	8010	U
74-88-4	Methyl iodide	641	U
75-15-0	Carbon disulfide	641	U
75-09-2	Methylene chloride	1600	U
156-60-5	trans-1,2-Dichloroethene	641	U
107-13-1	Acrylonitrile	1600	U
75-34-3	1,1-Dichloroethane	641	U
67-64-1	Acetone	3200	U
594-20-7	2,2-Dichloropropane	641	U
156-59-2	cis-1,2-Dichloroethene	641	U
74-97-5	Bromochloromethane	641	U
78-93-3	2-Butanone	3200	U
67-66-3	Chloroform	641	U
71-55-6	1,1,1-Trichloroethane	641	U
56-23-5	Carbon tetrachloride	641	U
563-58-6	1,1-Dichloropropene	641	U
71-43-2	Benzene	641	U
107-06-2	1,2-Dichloroethane	641	U
79-01-6	Trichloroethene	641	U
108-05-4	Vinyl acetate	1280	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746714 Lab File ID: 46714M.D

Sample wt/vol: 1.56 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2329

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	641	U
74-95-3	Dibromomethane	641	U
75-27-4	Bromodichloromethane	641	U
10061-01-5	cis-1,3-Dichloropropene	641	U
108-10-1	4-Methyl-2-pentanone	1280	U
108-88-3	Toluene	214	J
10061-02-6	trans-1,3-Dichloropropene	641	U
79-00-5	1,1,2-Trichloroethane	641	U
127-18-4	Tetrachloroethene	937	J
142-28-9	1,3-Dichloropropane	641	U
591-78-6	2-Hexanone	1280	U
124-48-1	Dibromochloromethane	641	U
106-93-4	1,2-Dibromoethane(EDB)	641	U
108-90-7	Chlorobenzene	641	U
630-20-6	1,1,1,2-Tetrachloroethane	641	U
100-41-4	Ethylbenzene	641	U
511-39-00	p,m-Xylene	1280	U
95-47-6	o-Xylene	641	U
100-42-5	Styrene	641	U
75-25-2	Bromoform	1600	U
98-82-8	Isopropylbenzene (Cumene)	754	
108-86-1	Bromobenzene	641	U
79-34-5	1,1,2,2-Tetrachloroethane	641	U
96-18-4	1,2,3-Trichloropropane	641	U
103-65-1	n-Propylbenzene	641	U
95-49-8	2-Chlorotoluene	641	U
106-43-4	4-Chlorotoluene	641	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746714 Lab File ID: 46714M.D

Sample wt/vol: 1.56 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2329

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	641	U
98-06-6	tert-Butylbenzene	641	U
95-63-6	1,2,4-Trimethylbenzene	641	U
135-98-8	sec-Butylbenzene	641	U
541-73-1	1,3-Dichlorobenzene	641	U
106-46-7	1,4-Dichlorobenzene	641	U
99-87-6	4-Isopropyltoluene	641	U
104-51-8	n-Butylbenzene	641	U
95-50-1	1,2-Dichlorobenzene	641	U
96-12-8	1,2-Dibromo-3-chloropropane	3200	U
120-82-1	1,2,4-Trichlorobenzene	641	U
87-68-3	Hexachlorobutadiene	962	U
91-20-3	Naphthalene	641	U
87-61-6	1,2,3-Trichlorobenzene	641	U
1634-04-4	MTBE	641	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD28

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746715 Lab File ID: 46715M.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2353

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1340	U
74-87-3	Chloromethane	1340	U
75-01-4	Vinyl chloride	1340	U
74-83-9	Bromomethane	1340	U
75-00-3	Chloroethane	3360	U
75-69-4	Trichlorofluoromethane	1340	U
75-35-4	1,1-Dichloroethene	1340	U
107-02-8	Acrolein	16800	U
74-88-4	Methyl iodide	1340	U
75-15-0	Carbon disulfide	1340	U
75-09-2	Methylene chloride	3360	U
156-60-5	trans-1,2-Dichloroethene	1340	U
107-13-1	Acrylonitrile	3360	U
75-34-3	1,1-Dichloroethane	1340	U
67-64-1	Acetone	6710	U
594-20-7	2,2-Dichloropropane	1340	U
156-59-2	cis-1,2-Dichloroethene	1340	U
74-97-5	Bromochloromethane	1340	U
78-93-3	2-Butanone	6710	U
67-66-3	Chloroform	1340	U
71-55-6	1,1,1-Trichloroethane	1340	U
56-23-5	Carbon tetrachloride	1340	U
563-58-6	1,1-Dichloropropene	1340	U
71-43-2	Benzene	1340	U
107-06-2	1,2-Dichloroethane	1340	U
79-01-6	Trichloroethene	1340	U
108-05-4	Vinyl acetate	2680	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD28

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746715 Lab File ID: 46715M.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2353

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1340	U
74-95-3	Dibromomethane	1340	U
75-27-4	Bromodichloromethane	1340	U
10061-01-5	cis-1,3-Dichloropropene	1340	U
108-10-1	4-Methyl-2-pentanone	2680	U
108-88-3	Toluene	1340	U
10061-02-6	trans-1,3-Dichloropropene	1340	U
79-00-5	1,1,2-Trichloroethane	1340	U
127-18-4	Tetrachloroethene	3360	U
142-28-9	1,3-Dichloropropane	1340	U
591-78-6	2-Hexanone	2680	U
124-48-1	Dibromochloromethane	1340	U
106-93-4	1,2-Dibromoethane(EDB)	1340	U
108-90-7	Chlorobenzene	1340	U
630-20-6	1,1,1,2-Tetrachloroethane	1340	U
100-41-4	Ethylbenzene	1340	U
511-39-00	p,m-Xylene	2680	U
95-47-6	o-Xylene	1340	U
100-42-5	Styrene	1340	U
75-25-2	Bromoform	3360	U
98-82-8	Isopropylbenzene (Cumene)	358	J
108-86-1	Bromobenzene	1340	U
79-34-5	1,1,2,2-Tetrachloroethane	1340	U
96-18-4	1,2,3-Trichloropropane	1340	U
103-65-1	n-Propylbenzene	1340	U
95-49-8	2-Chlorotoluene	1340	U
106-43-4	4-Chlorotoluene	1340	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD28

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746715 Lab File ID: 46715M.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2353

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1340	U
98-06-6	tert-Butylbenzene	1340	U
95-63-6	1,2,4-Trimethylbenzene	1340	U
135-98-8	sec-Butylbenzene	1340	U
541-73-1	1,3-Dichlorobenzene	1340	U
106-46-7	1,4-Dichlorobenzene	1340	U
99-87-6	4-Isopropyltoluene	1340	U
104-51-8	n-Butylbenzene	1340	U
95-50-1	1,2-Dichlorobenzene	1340	U
96-12-8	1,2-Dibromo-3-chloropropane	6710	U
120-82-1	1,2,4-Trichlorobenzene	1340	U
87-68-3	Hexachlorobutadiene	2010	U
91-20-3	Naphthalene	1340	U
87-61-6	1,2,3-Trichlorobenzene	1340	U
1634-04-4	MTBE	1340	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD143

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746716 Lab File ID: 46716M.D

Sample wt/vol: 1.31 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0016

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1530	U
74-87-3	Chloromethane	1530	U
75-01-4	Vinyl chloride	1530	U
74-83-9	Bromomethane	1530	U
75-00-3	Chloroethane	3820	U
75-69-4	Trichlorofluoromethane	1530	U
75-35-4	1,1-Dichloroethene	1530	U
107-02-8	Acrolein	19100	U
74-88-4	Methyl iodide	1530	U
75-15-0	Carbon disulfide	1530	U
75-09-2	Methylene chloride	3820	U
156-60-5	trans-1,2-Dichloroethene	1530	U
107-13-1	Acrylonitrile	3820	U
75-34-3	1,1-Dichloroethane	1530	U
67-64-1	Acetone	24300	
594-20-7	2,2-Dichloropropane	1530	U
156-59-2	cis-1,2-Dichloroethene	1530	U
74-97-5	Bromochloromethane	1530	U
78-93-3	2-Butanone	10900	
67-66-3	Chloroform	1530	U
71-55-6	1,1,1-Trichloroethane	1530	U
56-23-5	Carbon tetrachloride	1530	U
563-58-6	1,1-Dichloropropene	1530	U
71-43-2	Benzene	1530	U
107-06-2	1,2-Dichloroethane	1530	U
79-01-6	Trichloroethene	1530	U
108-05-4	Vinyl acetate	3050	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD143

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746716 Lab File ID: 46716M.D

Sample wt/vol: 1.31 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0016

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1530	U
74-95-3	Dibromomethane	1530	U
75-27-4	Bromodichloromethane	1530	U
10061-01-5	cis-1,3-Dichloropropene	1530	U
108-10-1	4-Methyl-2-pentanone	3050	U
108-88-3	Toluene	1530	U
10061-02-6	trans-1,3-Dichloropropene	1530	U
79-00-5	1,1,2-Trichloroethane	1530	U
127-18-4	Tetrachloroethene	3820	U
142-28-9	1,3-Dichloropropane	1530	U
591-78-6	2-Hexanone	3050	U
124-48-1	Dibromochloromethane	1530	U
106-93-4	1,2-Dibromoethane(EDB)	1530	U
108-90-7	Chlorobenzene	1530	U
630-20-6	1,1,1,2-Tetrachloroethane	1530	U
100-41-4	Ethylbenzene	1530	U
511-39-00	p,m-Xylene	3050	U
95-47-6	o-Xylene	1530	U
100-42-5	Styrene	1530	U
75-25-2	Bromoform	3820	U
98-82-8	Isopropylbenzene (Cumene)	1530	U
108-86-1	Bromobenzene	1530	U
79-34-5	1,1,2,2-Tetrachloroethane	1530	U
96-18-4	1,2,3-Trichloropropane	1530	U
103-65-1	n-Propylbenzene	1530	U
95-49-8	2-Chlorotoluene	1530	U
106-43-4	4-Chlorotoluene	1530	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD143

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746716 Lab File ID: 46716M.D

Sample wt/vol: 1.31 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0016

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1530	U
98-06-6	tert-Butylbenzene	1530	U
95-63-6	1,2,4-Trimethylbenzene	1530	U
135-98-8	sec-Butylbenzene	1530	U
541-73-1	1,3-Dichlorobenzene	1530	U
106-46-7	1,4-Dichlorobenzene	1530	U
99-87-6	4-Isopropyltoluene	1530	U
104-51-8	n-Butylbenzene	1530	U
95-50-1	1,2-Dichlorobenzene	1530	U
96-12-8	1,2-Dibromo-3-chloropropane	7630	U
120-82-1	1,2,4-Trichlorobenzene	1530	U
87-68-3	Hexachlorobutadiene	2290	U
91-20-3	Naphthalene	1530	U
87-61-6	1,2,3-Trichlorobenzene	1530	U
1634-04-4	MTBE	1530	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD29

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746717 Lab File ID: 46717M.D

Sample wt/vol: 1.6 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1325

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	625	U
74-87-3	Chloromethane	625	U
75-01-4	Vinyl chloride	625	U
74-83-9	Bromomethane	625	U
75-00-3	Chloroethane	1560	U
75-69-4	Trichlorofluoromethane	625	U
75-35-4	1,1-Dichloroethene	625	U
107-02-8	Acrolein	7810	U
74-88-4	Methyl iodide	625	U
75-15-0	Carbon disulfide	625	U
75-09-2	Methylene chloride	1560	U
156-60-5	trans-1,2-Dichloroethene	625	U
107-13-1	Acrylonitrile	1560	U
75-34-3	1,1-Dichloroethane	625	U
67-64-1	Acetone	4010	
594-20-7	2,2-Dichloropropane	625	U
156-59-2	cis-1,2-Dichloroethene	625	U
74-97-5	Bromochloromethane	625	U
78-93-3	2-Butanone	3120	U
67-66-3	Chloroform	625	U
71-55-6	1,1,1-Trichloroethane	625	U
56-23-5	Carbon tetrachloride	625	U
563-58-6	1,1-Dichloropropene	625	U
71-43-2	Benzene	625	U
107-06-2	1,2-Dichloroethane	625	U
79-01-6	Trichloroethene	625	U
108-05-4	Vinyl acetate	1250	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD29

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746717 Lab File ID: 46717M.D

Sample wt/vol: 1.6 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1325

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	625	U
74-95-3	Dibromomethane	625	U
75-27-4	Bromodichloromethane	625	U
10061-01-5	cis-1,3-Dichloropropene	625	U
108-10-1	4-Methyl-2-pentanone	1250	U
108-88-3	Toluene	625	U
10061-02-6	trans-1,3-Dichloropropene	625	U
79-00-5	1,1,2-Trichloroethane	625	U
127-18-4	Tetrachloroethene	903	J
142-28-9	1,3-Dichloropropane	625	U
591-78-6	2-Hexanone	1250	U
124-48-1	Dibromochloromethane	625	U
106-93-4	1,2-Dibromoethane(EDB)	625	U
108-90-7	Chlorobenzene	625	U
630-20-6	1,1,1,2-Tetrachloroethane	625	U
100-41-4	Ethylbenzene	625	U
511-39-00	p,m-Xylene	1250	U
95-47-6	o-Xylene	625	U
100-42-5	Styrene	625	U
75-25-2	Bromoform	1560	U
98-82-8	Isopropylbenzene (Cumene)	700	
108-86-1	Bromobenzene	625	U
79-34-5	1,1,2,2-Tetrachloroethane	625	U
96-18-4	1,2,3-Trichloropropane	625	U
103-65-1	n-Propylbenzene	625	U
95-49-8	2-Chlorotoluene	625	U
106-43-4	4-Chlorotoluene	625	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD29

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746717 Lab File ID: 46717M.D

Sample wt/vol: 1.6 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1325

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	625	U
98-06-6	tert-Butylbenzene	625	U
95-63-6	1,2,4-Trimethylbenzene	625	U
135-98-8	sec-Butylbenzene	625	U
541-73-1	1,3-Dichlorobenzene	625	U
106-46-7	1,4-Dichlorobenzene	625	U
99-87-6	4-Isopropyltoluene	625	U
104-51-8	n-Butylbenzene	625	U
95-50-1	1,2-Dichlorobenzene	625	U
96-12-8	1,2-Dibromo-3-chloropropane	3120	U
120-82-1	1,2,4-Trichlorobenzene	625	U
87-68-3	Hexachlorobutadiene	938	U
91-20-3	Naphthalene	625	U
87-61-6	1,2,3-Trichlorobenzene	625	U
1634-04-4	MTBE	625	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD139

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746718 Lab File ID: 46718M.D

Sample wt/vol: 1.33 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1349

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	752	U
74-87-3	Chloromethane	752	U
75-01-4	Vinyl chloride	752	U
74-83-9	Bromomethane	752	U
75-00-3	Chloroethane	1880	U
75-69-4	Trichlorofluoromethane	752	U
75-35-4	1,1-Dichloroethene	752	U
107-02-8	Acrolein	9400	U
74-88-4	Methyl iodide	752	U
75-15-0	Carbon disulfide	752	U
75-09-2	Methylene chloride	1880	U
156-60-5	trans-1,2-Dichloroethene	752	U
107-13-1	Acrylonitrile	1880	U
75-34-3	1,1-Dichloroethane	752	U
67-64-1	Acetone	3760	U
594-20-7	2,2-Dichloropropane	752	U
156-59-2	cis-1,2-Dichloroethene	752	U
74-97-5	Bromochloromethane	752	U
78-93-3	2-Butanone	3760	U
67-66-3	Chloroform	752	U
71-55-6	1,1,1-Trichloroethane	752	U
56-23-5	Carbon tetrachloride	752	U
563-58-6	1,1-Dichloropropene	752	U
71-43-2	Benzene	752	U
107-06-2	1,2-Dichloroethane	752	U
79-01-6	Trichloroethene	752	U
108-05-4	Vinyl acetate	1500	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD139

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746718 Lab File ID: 46718M.D

Sample wt/vol: 1.33 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1349

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	752	U
74-95-3	Dibromomethane	752	U
75-27-4	Bromodichloromethane	752	U
10061-01-5	cis-1,3-Dichloropropene	752	U
108-10-1	4-Methyl-2-pentanone	1500	U
108-88-3	Toluene	752	U
10061-02-6	trans-1,3-Dichloropropene	752	U
79-00-5	1,1,2-Trichloroethane	752	U
127-18-4	Tetrachloroethene	1880	U
142-28-9	1,3-Dichloropropane	752	U
591-78-6	2-Hexanone	1500	U
124-48-1	Dibromochloromethane	752	U
106-93-4	1,2-Dibromoethane(EDB)	752	U
108-90-7	Chlorobenzene	752	U
630-20-6	1,1,1,2-Tetrachloroethane	752	U
100-41-4	Ethylbenzene	752	U
511-39-00	p,m-Xylene	1500	U
95-47-6	o-Xylene	752	U
100-42-5	Styrene	752	U
75-25-2	Bromoform	1880	U
98-82-8	Isopropylbenzene (Cumene)	752	U
108-86-1	Bromobenzene	752	U
79-34-5	1,1,2,2-Tetrachloroethane	752	U
96-18-4	1,2,3-Trichloropropane	752	U
103-65-1	n-Propylbenzene	752	U
95-49-8	2-Chlorotoluene	752	U
106-43-4	4-Chlorotoluene	752	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD139

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746718 Lab File ID: 46718M.D

Sample wt/vol: 1.33 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1349

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	752	U
98-06-6	tert-Butylbenzene	752	U
95-63-6	1,2,4-Trimethylbenzene	752	U
135-98-8	sec-Butylbenzene	752	U
541-73-1	1,3-Dichlorobenzene	752	U
106-46-7	1,4-Dichlorobenzene	752	U
99-87-6	4-Isopropyltoluene	752	U
104-51-8	n-Butylbenzene	752	U
95-50-1	1,2-Dichlorobenzene	752	U
96-12-8	1,2-Dibromo-3-chloropropane	3760	U
120-82-1	1,2,4-Trichlorobenzene	752	U
87-68-3	Hexachlorobutadiene	1130	U
91-20-3	Naphthalene	396	J
87-61-6	1,2,3-Trichlorobenzene	752	U
1634-04-4	MTBE	752	U

QC Summary

130907 1343

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 090507BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1625

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 090507BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1625

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 090507BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1625

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 090607BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0753

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 090607BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0753

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 090607BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0753

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090507LCSA32

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1820	91.0		30.0	45 - 128
Chloromethane	2000	1960	98.0		30.0	70 - 130
Vinyl chloride	2000	2040	102.0		30.0	70 - 130
Bromomethane	2000	2010	100.0		30.0	39 - 148
Chloroethane	2000	2120	106.0		30.0	55 - 139
Trichlorofluoromethane	2000	1890	94.5		30.0	70 - 130
1,1-Dichloroethene	2000	2010	100.0		30.0	70 - 130
Acrolein	6000	4720	78.7		30.0	69 - 130
Methyl iodide	2000	2130	106.0		30.0	55 - 133
Carbon disulfide	2000	1920	96.0		30.0	65 - 130
Methylene chloride	2000	1930	96.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2010	100.0		30.0	70 - 130
Acrylonitrile	6000	5330	88.8		30.0	70 - 130
1,1-Dichloroethane	2000	1870	93.5		30.0	70 - 130
Acetone	6000	5000	83.3		30.0	58 - 133
2,2-Dichloropropane	2000	1770	88.5		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2080	104.0		30.0	70 - 130
Bromochloromethane	2000	1840	92.0		30.0	70 - 130
2-Butanone	6000	6030	100.0		30.0	70 - 130
Chloroform	2000	1830	91.5		30.0	70 - 130
1,1,1-Trichloroethane	2000	1950	97.5		30.0	70 - 130
Carbon tetrachloride	2000	2100	105.0		30.0	70 - 130
1,1-Dichloropropene	2000	2000	100.0		30.0	70 - 130
Benzene	2000	2000	100.0		30.0	70 - 130
1,2-Dichloroethane	2000	1970	98.5		30.0	70 - 130
Trichloroethene	2000	1950	97.5		30.0	70 - 130
Vinyl acetate	2000	1880	94.0		30.0	70 - 130
1,2-Dichloropropane	2000	1950	97.5		30.0	70 - 130
Dibromomethane	2000	2060	103.0		30.0	70 - 130
Bromodichloromethane	2000	1970	98.5		30.0	70 - 130
cis-1,3-Dichloropropene	2000	1940	97.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6970	116.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1343

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090507LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	1790	89.5		30.0	70 - 130
trans-1,3-Dichloropropene	2000	1820	91.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	1820	91.0		30.0	70 - 130
Tetrachloroethene	2000	2000	100.0		30.0	70 - 130
1,3-Dichloropropane	2000	1860	93.0		30.0	70 - 130
2-Hexanone	6000	5640	94.0		30.0	70 - 130
Dibromochloromethane	2000	2080	104.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2010	100.0		30.0	70 - 130
Chlorobenzene	2000	2010	100.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2040	102.0		30.0	70 - 130
Ethylbenzene	2000	2020	101.0		30.0	70 - 130
p,m-Xylene	4000	4090	102.0		30.0	70 - 130
o-Xylene	2000	2040	102.0		30.0	70 - 130
Styrene	2000	2050	102.0		30.0	70 - 130
Bromoform	2000	2040	102.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2310	116.0		30.0	70 - 130
Bromobenzene	2000	1950	97.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2000	100.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2040	102.0		30.0	70 - 130
n-Propylbenzene	2000	2100	105.0		30.0	70 - 130
2-Chlorotoluene	2000	2080	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2040	102.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2120	106.0		30.0	70 - 130
tert-Butylbenzene	2000	2120	106.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2090	104.0		30.0	70 - 130
sec-Butylbenzene	2000	2090	104.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2030	102.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1990	99.5		30.0	70 - 130
4-Isopropyltoluene	2000	2120	106.0		30.0	70 - 130
n-Butylbenzene	2000	2070	104.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2160	108.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2070	104.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1343

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090507LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	2060	103.0		30.0	65 - 130
Hexachlorobutadiene	2000	2100	105.0		30.0	70 - 130
Naphthalene	2000	2000	100.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2020	101.0		30.0	70 - 130
MTBE	2000	1820	91.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1343

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090607LCSA32

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1860	93.0		30.0	45 - 128
Chloromethane	2000	2020	101.0		30.0	70 - 130
Vinyl chloride	2000	2220	111.0		30.0	70 - 130
Bromomethane	2000	2020	101.0		30.0	39 - 148
Chloroethane	2000	2160	108.0		30.0	55 - 139
Trichlorofluoromethane	2000	1790	89.5		30.0	70 - 130
1,1-Dichloroethene	2000	2300	115.0		30.0	70 - 130
Acrolein	6000	6790	113.0		30.0	69 - 130
Methyl iodide	2000	2270	114.0		30.0	55 - 133
Carbon disulfide	2000	1960	98.0		30.0	65 - 130
Methylene chloride	2000	1970	98.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2130	106.0		30.0	70 - 130
Acrylonitrile	6000	6500	108.0		30.0	70 - 130
1,1-Dichloroethane	2000	2230	112.0		30.0	70 - 130
Acetone	6000	5500	91.7		30.0	58 - 133
2,2-Dichloropropane	2000	1780	89.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2200	110.0		30.0	70 - 130
Bromochloromethane	2000	2210	110.0		30.0	70 - 130
2-Butanone	6000	5580	93.0		30.0	70 - 130
Chloroform	2000	2090	104.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2030	102.0		30.0	70 - 130
Carbon tetrachloride	2000	2210	110.0		30.0	70 - 130
1,1-Dichloropropene	2000	1920	96.0		30.0	70 - 130
Benzene	2000	2050	102.0		30.0	70 - 130
1,2-Dichloroethane	2000	1930	96.5		30.0	70 - 130
Trichloroethene	2000	2070	104.0		30.0	70 - 130
Vinyl acetate	2000	1780	89.0		30.0	70 - 130
1,2-Dichloropropane	2000	2020	101.0		30.0	70 - 130
Dibromomethane	2000	2030	102.0		30.0	70 - 130
Bromodichloromethane	2000	1860	93.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2060	103.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6360	106.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1343

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2070	104.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2080	104.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2000	100.0		30.0	70 - 130
Tetrachloroethene	2000	2110	106.0		30.0	70 - 130
1,3-Dichloropropane	2000	2030	102.0		30.0	70 - 130
2-Hexanone	6000	6900	115.0		30.0	70 - 130
Dibromochloromethane	2000	2000	100.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2020	101.0		30.0	70 - 130
Chlorobenzene	2000	2000	100.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2060	103.0		30.0	70 - 130
Ethylbenzene	2000	2070	104.0		30.0	70 - 130
p,m-Xylene	4000	4150	104.0		30.0	70 - 130
o-Xylene	2000	2020	101.0		30.0	70 - 130
Styrene	2000	2100	105.0		30.0	70 - 130
Bromoform	2000	1880	94.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2170	108.0		30.0	70 - 130
Bromobenzene	2000	1970	98.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2020	101.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2020	101.0		30.0	70 - 130
n-Propylbenzene	2000	2120	106.0		30.0	70 - 130
2-Chlorotoluene	2000	2090	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2070	104.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2080	104.0		30.0	70 - 130
tert-Butylbenzene	2000	2080	104.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2050	102.0		30.0	70 - 130
sec-Butylbenzene	2000	2110	106.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1980	99.0		30.0	70 - 130
4-Isopropyltoluene	2000	2050	102.0		30.0	70 - 130
n-Butylbenzene	2000	2070	104.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1830	91.5		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1343

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1880	94.0		30.0	65 - 130
Hexachlorobutadiene	2000	1930	96.5		30.0	70 - 130
Naphthalene	2000	1890	94.5		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1830	91.5		30.0	70 - 130
MTBE	2000	1770	88.5		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1343

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

130907 1343

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 2,6-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Nitrophenol, bis(2-ethylhexyl)phthalate, Di-n-octylphthalate.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

Sample NPPD141 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 18.1 % with criteria of (19-122).

Sample NPPD145 was recovered above criteria for the following surrogate(s): Nitrobenzene-d5 at 122 % with criteria of (23-120).

Sample NPPD149 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 7.3 % with criteria of (19-122), 2-Fluorophenol at 16.3 % with criteria of (25-121).

Sample NPPD150 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 11.2 % with criteria of (19-122).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPPD134 NPPD143 NPPD144 NPPD145 NPPD149 NPPD155

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3423LCS was analyzed with the soil samples extracted on 09/06/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), and the following analyte(s) were recovered above criteria: 1,4-Dichlorobenzene at 108 % with criteria of (62-105), 2-Chloronaphthalene at 106 % with criteria of (72-105), 4-Chloroaniline at 97.2 % with criteria of (57-95), 4-Chlorophenyl-phenylether at 114 % with criteria of (65-110), Benzoic acid at 114 % with criteria of (10-106), Bis(2-Chloroethyl)ether at 110 % with criteria of (61-105), Dibenzofuran at 110 % with criteria of (75-105), Dimethyl-phthalate at 111 % with criteria of (69-110), Naphthalene at 110 % with criteria of (67-105), Phenol at 108 % with criteria of (46-100). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 106 % with criteria of (60-100), 1,3-Dichlorobenzene at 107 % with criteria of (61.5-105.5), 2-Methylnaphthalene at 114 % with criteria of (66.5-110.5), Benzyl alcohol at 0 % with criteria of (53.8-135.2), N-Nitrosodimethylamine at 134 % with criteria of (36.8-126.2).

Samples coded accordingly.

The recoveries are directly related to the final volume adjustment of 10 mL for the LCS to demonstrate recoveries that would be found in the samples.

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
The following samples were analyzed at 1:10 dilutions due to non-target analyte interference.

Sample NPPD139
Sample NPPD141
Sample NPPD144
Sample NPPD145
Sample NPPD146
Sample NPPD149
Sample NPPD150
Sample NPPD155
Sample NPPD156
Sample NPPD157
Sample NPPD158
Sample NPPD27
Sample NPPD28
Sample NPPD29
Sample NPPD8
Sample NPPD9

The following samples were analyzed at 1:50 dilutions due to non-target analyte interference.
Sample NPPD134
Sample NPPD143

All samples were only be brought to a final volume of 10mL due to the nature of the samples.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

SIGNED: **DATE:** **09/11/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Method: 8270

EPA Sample No	Lab Sample ID
NPPD146	250746701
NPPD144	250746702
NPPD156	250746703
NPPD145	250746704
NPPD155	250746705
NPPD157	250746706
NPPD158	250746707
NPPD149	250746708
NPPD134	250746709
NPPD150	250746710
NPPD141	250746711
NPPD8	250746712
NPPD9	250746713
NPPD27	250746714
NPPD28	250746715
NPPD143	250746716
NPPD29	250746717
NPPD139	250746718

130907 1343

Sample Data

130907 1343

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD146

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746701 Lab File ID: 467-01DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1500

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	393000	U
62-53-3	Aniline	393000	U
111-44-4	Bis(2-Chloroethyl)ether	393000	U
108-95-2	Phenol	1960000	U
95-57-8	2-Chlorophenol	393000	U
541-73-1	1,3-Dichlorobenzene	393000	U
106-46-7	1,4-Dichlorobenzene	393000	U
95-50-1	1,2-Dichlorobenzene	393000	U
100-51-6	Benzyl alcohol	981000	U
108-60-1	2,2-Oxybis(1-chloropropane)	397000	U
95-48-7	2-Methylphenol (o-Cresol)	393000	U
67-72-1	Hexachloroethane	397000	U
621-64-7	N-Nitroso-di-n-propylamine	393000	U
106-44-5	4-Methylphenol	393000	U
98-95-3	Nitrobenzene	393000	U
78-59-1	Isophorone	393000	U
88-75-5	2-Nitrophenol	393000	U
105-67-9	2,4-Dimethylphenol	393000	U
65-85-0	Benzoic acid	1960000	U
111-91-1	Bis(2-Chloroethoxy)methane	393000	U
120-83-2	2,4-Dichlorophenol	393000	U
120-82-1	1,2,4-Trichlorobenzene	393000	U
91-20-3	Naphthalene	393000	U
106-47-8	4-Chloroaniline	393000	U
91-57-6	2-Methylnaphthalene	393000	U
87-68-3	Hexachlorobutadiene	393000	U
59-50-7	4-Chloro-3-methylphenol	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD146

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746701 Lab File ID: 467-01DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1500

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	393000	U
77-47-4	Hexachlorocyclopentadiene	981000	U
88-06-2	2,4,6-Trichlorophenol	393000	U
95-95-4	2,4,5-Trichlorophenol	393000	U
91-58-7	2-Chloronaphthalene	397000	U
88-74-4	2-Nitroaniline	393000	U
208-96-8	Acenaphthylene	393000	U
131-11-3	Dimethyl-phthalate	393000	U
606-20-2	2,6-Dinitrotoluene	393000	U
83-32-9	Acenaphthene	393000	U
99-09-2	3-Nitroaniline	393000	U
51-28-5	2,4-Dinitrophenol	1970000	U
132-64-9	Dibenzofuran	393000	U
121-14-2	2,4-Dinitrotoluene	393000	U
100-02-7	4-Nitrophenol	981000	U
86-73-7	Fluorene	393000	U
7005-72-3	4-Chlorophenyl-phenylether	393000	U
84-66-2	Diethylphthalate	393000	U
100-01-6	4-Nitroaniline	393000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1960000	U
86-30-6	N-Nitrosodiphenylamine	393000	U
101-55-3	4-Bromophenyl-phenylether	393000	U
118-74-1	Hexachlorobenzene	393000	U
87-86-5	Pentachlorophenol	1960000	U
85-01-8	Phenanthrene	393000	U
120-12-7	Anthracene	393000	U
84-74-2	Di-n-butylphthalate	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD146

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746701 Lab File ID: 467-01DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1500

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	393000	U
129-00-0	Pyrene	393000	U
92-87-5	Benzidine	985000	U
85-68-7	Butylbenzylphthalate	393000	U
91-94-1	3,3'-Dichlorobenzidine	393000	U
56-55-3	Benzo(a)anthracene	393000	U
218-01-9	Chrysene	393000	U
117-81-7	bis(2-ethylhexyl)phthalate	393000	U
117-84-0	Di-n-octylphthalate	393000	U
205-99-2	Benzo(b)fluoranthene	393000	U
207-08-9	Benzo(k)fluoranthene	393000	U
50-32-8	Benzo(a)pyrene	393000	U
193-39-5	Indeno(1,2,3-cd)pyrene	393000	U
53-70-3	Dibenz(a,h)anthracene	393000	U
191-24-2	Benzo(g,h,i)perylene	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD144

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746702 Lab File ID: 467-02DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1530

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD144

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746702 Lab File ID: 467-02DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1530

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD144

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746702 Lab File ID: 467-02DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1530

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD156

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746703 Lab File ID: 467-03DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1600

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	374000	U
62-53-3	Aniline	374000	U
111-44-4	Bis(2-Chloroethyl)ether	374000	U
108-95-2	Phenol	1870000	U
95-57-8	2-Chlorophenol	374000	U
541-73-1	1,3-Dichlorobenzene	374000	U
106-46-7	1,4-Dichlorobenzene	374000	U
95-50-1	1,2-Dichlorobenzene	374000	U
100-51-6	Benzyl alcohol	935000	U
108-60-1	2,2-Oxybis(1-chloropropane)	378000	U
95-48-7	2-Methylphenol (o-Cresol)	374000	U
67-72-1	Hexachloroethane	378000	U
621-64-7	N-Nitroso-di-n-propylamine	374000	U
106-44-5	4-Methylphenol	374000	U
98-95-3	Nitrobenzene	374000	U
78-59-1	Isophorone	374000	U
88-75-5	2-Nitrophenol	374000	U
105-67-9	2,4-Dimethylphenol	374000	U
65-85-0	Benzoic acid	1870000	U
111-91-1	Bis(2-Chloroethoxy)methane	374000	U
120-83-2	2,4-Dichlorophenol	374000	U
120-82-1	1,2,4-Trichlorobenzene	374000	U
91-20-3	Naphthalene	374000	U
106-47-8	4-Chloroaniline	374000	U
91-57-6	2-Methylnaphthalene	374000	U
87-68-3	Hexachlorobutadiene	374000	U
59-50-7	4-Chloro-3-methylphenol	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD156

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746703 Lab File ID: 467-03DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1600

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	374000	U
77-47-4	Hexachlorocyclopentadiene	935000	U
88-06-2	2,4,6-Trichlorophenol	374000	U
95-95-4	2,4,5-Trichlorophenol	374000	U
91-58-7	2-Chloronaphthalene	378000	U
88-74-4	2-Nitroaniline	374000	U
208-96-8	Acenaphthylene	374000	U
131-11-3	Dimethyl-phthalate	374000	U
606-20-2	2,6-Dinitrotoluene	374000	U
83-32-9	Acenaphthene	374000	U
99-09-2	3-Nitroaniline	374000	U
51-28-5	2,4-Dinitrophenol	1880000	U
132-64-9	Dibenzofuran	374000	U
121-14-2	2,4-Dinitrotoluene	374000	U
100-02-7	4-Nitrophenol	935000	U
86-73-7	Fluorene	374000	U
7005-72-3	4-Chlorophenyl-phenylether	374000	U
84-66-2	Diethylphthalate	374000	U
100-01-6	4-Nitroaniline	374000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1870000	U
86-30-6	N-Nitrosodiphenylamine	374000	U
101-55-3	4-Bromophenyl-phenylether	374000	U
118-74-1	Hexachlorobenzene	374000	U
87-86-5	Pentachlorophenol	1870000	U
85-01-8	Phenanthrene	374000	U
120-12-7	Anthracene	374000	U
84-74-2	Di-n-butylphthalate	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD156

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746703 Lab File ID: 467-03DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1600

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	374000	U
129-00-0	Pyrene	374000	U
92-87-5	Benzidine	939000	U
85-68-7	Butylbenzylphthalate	374000	U
91-94-1	3,3'-Dichlorobenzidine	374000	U
56-55-3	Benzo(a)anthracene	374000	U
218-01-9	Chrysene	374000	U
117-81-7	bis(2-ethylhexyl)phthalate	374000	U
117-84-0	Di-n-octylphthalate	374000	U
205-99-2	Benzo(b)fluoranthene	374000	U
207-08-9	Benzo(k)fluoranthene	374000	U
50-32-8	Benzo(a)pyrene	374000	U
193-39-5	Indeno(1,2,3-cd)pyrene	374000	U
53-70-3	Dibenz(a,h)anthracene	374000	U
191-24-2	Benzo(g,h,i)perylene	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD145

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746704 Lab File ID: 467-04DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1630

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD145

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746704 Lab File ID: 467-04DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1630

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD145

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746704 Lab File ID: 467-04DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1630

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD155

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746705 Lab File ID: 467-05DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1700

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	374000	U
62-53-3	Aniline	374000	U
111-44-4	Bis(2-Chloroethyl)ether	374000	U
108-95-2	Phenol	132000	J
95-57-8	2-Chlorophenol	374000	U
541-73-1	1,3-Dichlorobenzene	374000	U
106-46-7	1,4-Dichlorobenzene	374000	U
95-50-1	1,2-Dichlorobenzene	374000	U
100-51-6	Benzyl alcohol	935000	U
108-60-1	2,2-Oxybis(1-chloropropane)	378000	U
95-48-7	2-Methylphenol (o-Cresol)	374000	U
67-72-1	Hexachloroethane	378000	U
621-64-7	N-Nitroso-di-n-propylamine	374000	U
106-44-5	4-Methylphenol	374000	U
98-95-3	Nitrobenzene	374000	U
78-59-1	Isophorone	374000	U
88-75-5	2-Nitrophenol	374000	U
105-67-9	2,4-Dimethylphenol	374000	U
65-85-0	Benzoic acid	1870000	U
111-91-1	Bis(2-Chloroethoxy)methane	374000	U
120-83-2	2,4-Dichlorophenol	374000	U
120-82-1	1,2,4-Trichlorobenzene	374000	U
91-20-3	Naphthalene	374000	U
106-47-8	4-Chloroaniline	374000	U
91-57-6	2-Methylnaphthalene	374000	U
87-68-3	Hexachlorobutadiene	374000	U
59-50-7	4-Chloro-3-methylphenol	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD155

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746705 Lab File ID: 467-05DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1700

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	374000	U
77-47-4	Hexachlorocyclopentadiene	935000	U
88-06-2	2,4,6-Trichlorophenol	374000	U
95-95-4	2,4,5-Trichlorophenol	374000	U
91-58-7	2-Chloronaphthalene	378000	U
88-74-4	2-Nitroaniline	374000	U
208-96-8	Acenaphthylene	374000	U
131-11-3	Dimethyl-phthalate	374000	U
606-20-2	2,6-Dinitrotoluene	374000	U
83-32-9	Acenaphthene	374000	U
99-09-2	3-Nitroaniline	374000	U
51-28-5	2,4-Dinitrophenol	1880000	U
132-64-9	Dibenzofuran	374000	U
121-14-2	2,4-Dinitrotoluene	374000	U
100-02-7	4-Nitrophenol	935000	U
86-73-7	Fluorene	374000	U
7005-72-3	4-Chlorophenyl-phenylether	374000	U
84-66-2	Diethylphthalate	374000	U
100-01-6	4-Nitroaniline	374000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1870000	U
86-30-6	N-Nitrosodiphenylamine	374000	U
101-55-3	4-Bromophenyl-phenylether	374000	U
118-74-1	Hexachlorobenzene	374000	U
87-86-5	Pentachlorophenol	1870000	U
85-01-8	Phenanthrene	374000	U
120-12-7	Anthracene	374000	U
84-74-2	Di-n-butylphthalate	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD155

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746705 Lab File ID: 467-05DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1700

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	374000	U
129-00-0	Pyrene	374000	U
92-87-5	Benzidine	939000	U
85-68-7	Butylbenzylphthalate	374000	U
91-94-1	3,3'-Dichlorobenzidine	374000	U
56-55-3	Benzo(a)anthracene	374000	U
218-01-9	Chrysene	374000	U
117-81-7	bis(2-ethylhexyl)phthalate	374000	U
117-84-0	Di-n-octylphthalate	374000	U
205-99-2	Benzo(b)fluoranthene	374000	U
207-08-9	Benzo(k)fluoranthene	374000	U
50-32-8	Benzo(a)pyrene	374000	U
193-39-5	Indeno(1,2,3-cd)pyrene	374000	U
53-70-3	Dibenz(a,h)anthracene	374000	U
191-24-2	Benzo(g,h,i)perylene	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD157

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746706 Lab File ID: 467-06DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1731

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	1790000	U
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD157

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746706 Lab File ID: 467-06DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1731

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	358000	U
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD157

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746706 Lab File ID: 467-06DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1731

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD158

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746707 Lab File ID: 467-07DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1801

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	128000	J
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD158

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746707 Lab File ID: 467-07DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1801

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	358000	U
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD158

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746707 Lab File ID: 467-07DT.D

Sample wt/vol: 1.12 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1801

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD149

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746708 Lab File ID: 467-08DT.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1831

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	389000	U
62-53-3	Aniline	389000	U
111-44-4	Bis(2-Chloroethyl)ether	389000	U
108-95-2	Phenol	1940000	U
95-57-8	2-Chlorophenol	389000	U
541-73-1	1,3-Dichlorobenzene	389000	U
106-46-7	1,4-Dichlorobenzene	389000	U
95-50-1	1,2-Dichlorobenzene	389000	U
100-51-6	Benzyl alcohol	971000	U
108-60-1	2,2-Oxybis(1-chloropropane)	393000	U
95-48-7	2-Methylphenol (o-Cresol)	389000	U
67-72-1	Hexachloroethane	393000	U
621-64-7	N-Nitroso-di-n-propylamine	389000	U
106-44-5	4-Methylphenol	389000	U
98-95-3	Nitrobenzene	389000	U
78-59-1	Isophorone	389000	U
88-75-5	2-Nitrophenol	389000	U
105-67-9	2,4-Dimethylphenol	389000	U
65-85-0	Benzoic acid	1940000	U
111-91-1	Bis(2-Chloroethoxy)methane	389000	U
120-83-2	2,4-Dichlorophenol	389000	U
120-82-1	1,2,4-Trichlorobenzene	389000	U
91-20-3	Naphthalene	389000	U
106-47-8	4-Chloroaniline	389000	U
91-57-6	2-Methylnaphthalene	389000	U
87-68-3	Hexachlorobutadiene	389000	U
59-50-7	4-Chloro-3-methylphenol	389000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD149

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746708 Lab File ID: 467-08DT.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1831

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	389000	U
77-47-4	Hexachlorocyclopentadiene	971000	U
88-06-2	2,4,6-Trichlorophenol	389000	U
95-95-4	2,4,5-Trichlorophenol	389000	U
91-58-7	2-Chloronaphthalene	393000	U
88-74-4	2-Nitroaniline	389000	U
208-96-8	Acenaphthylene	389000	U
131-11-3	Dimethyl-phthalate	389000	U
606-20-2	2,6-Dinitrotoluene	389000	U
83-32-9	Acenaphthene	389000	U
99-09-2	3-Nitroaniline	389000	U
51-28-5	2,4-Dinitrophenol	1950000	U
132-64-9	Dibenzofuran	389000	U
121-14-2	2,4-Dinitrotoluene	389000	U
100-02-7	4-Nitrophenol	971000	U
86-73-7	Fluorene	389000	U
7005-72-3	4-Chlorophenyl-phenylether	389000	U
84-66-2	Diethylphthalate	389000	U
100-01-6	4-Nitroaniline	389000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1940000	U
86-30-6	N-Nitrosodiphenylamine	389000	U
101-55-3	4-Bromophenyl-phenylether	389000	U
118-74-1	Hexachlorobenzene	389000	U
87-86-5	Pentachlorophenol	1940000	U
85-01-8	Phenanthrene	389000	U
120-12-7	Anthracene	389000	U
84-74-2	Di-n-butylphthalate	389000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD149

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746708 Lab File ID: 467-08DT.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1831

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	389000	U
129-00-0	Pyrene	389000	U
92-87-5	Benzidine	976000	U
85-68-7	Butylbenzylphthalate	389000	U
91-94-1	3,3'-Dichlorobenzidine	389000	U
56-55-3	Benzo(a)anthracene	389000	U
218-01-9	Chrysene	389000	U
117-81-7	bis(2-ethylhexyl)phthalate	389000	U
117-84-0	Di-n-octylphthalate	389000	U
205-99-2	Benzo(b)fluoranthene	389000	U
207-08-9	Benzo(k)fluoranthene	389000	U
50-32-8	Benzo(a)pyrene	389000	U
193-39-5	Indeno(1,2,3-cd)pyrene	389000	U
53-70-3	Dibenz(a,h)anthracene	389000	U
191-24-2	Benzo(g,h,i)perylene	389000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD134

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746709 Lab File ID: 467-09DT.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1900

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	1770000	U
62-53-3	Aniline	1770000	U
111-44-4	Bis(2-Chloroethyl)ether	1770000	U
108-95-2	Phenol	8850000	U
95-57-8	2-Chlorophenol	1770000	U
541-73-1	1,3-Dichlorobenzene	1770000	U
106-46-7	1,4-Dichlorobenzene	1770000	U
95-50-1	1,2-Dichlorobenzene	1770000	U
100-51-6	Benzyl alcohol	4430000	U
108-60-1	2,2-Oxybis(1-chloropropane)	1790000	U
95-48-7	2-Methylphenol (o-Cresol)	1770000	U
67-72-1	Hexachloroethane	1790000	U
621-64-7	N-Nitroso-di-n-propylamine	1770000	U
106-44-5	4-Methylphenol	1770000	U
98-95-3	Nitrobenzene	1770000	U
78-59-1	Isophorone	1770000	U
88-75-5	2-Nitrophenol	1770000	U
105-67-9	2,4-Dimethylphenol	1770000	U
65-85-0	Benzoic acid	8850000	U
111-91-1	Bis(2-Chloroethoxy)methane	1770000	U
120-83-2	2,4-Dichlorophenol	1770000	U
120-82-1	1,2,4-Trichlorobenzene	1770000	U
91-20-3	Naphthalene	1770000	U
106-47-8	4-Chloroaniline	1770000	U
91-57-6	2-Methylnaphthalene	1770000	U
87-68-3	Hexachlorobutadiene	1770000	U
59-50-7	4-Chloro-3-methylphenol	1770000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD134

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746709 Lab File ID: 467-09DT.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1900

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	1770000	U
77-47-4	Hexachlorocyclopentadiene	4430000	U
88-06-2	2,4,6-Trichlorophenol	1770000	U
95-95-4	2,4,5-Trichlorophenol	1770000	U
91-58-7	2-Chloronaphthalene	1790000	U
88-74-4	2-Nitroaniline	1770000	U
208-96-8	Acenaphthylene	1770000	U
131-11-3	Dimethyl-phthalate	1770000	U
606-20-2	2,6-Dinitrotoluene	1770000	U
83-32-9	Acenaphthene	1770000	U
99-09-2	3-Nitroaniline	1770000	U
51-28-5	2,4-Dinitrophenol	8890000	U
132-64-9	Dibenzofuran	1770000	U
121-14-2	2,4-Dinitrotoluene	1770000	U
100-02-7	4-Nitrophenol	4430000	U
86-73-7	Fluorene	1770000	U
7005-72-3	4-Chlorophenyl-phenylether	1770000	U
84-66-2	Diethylphthalate	1770000	U
100-01-6	4-Nitroaniline	1770000	U
534-52-1	2-Methyl-4,6-dinitrophenol	8850000	U
86-30-6	N-Nitrosodiphenylamine	1770000	U
101-55-3	4-Bromophenyl-phenylether	1770000	U
118-74-1	Hexachlorobenzene	1770000	U
87-86-5	Pentachlorophenol	8850000	U
85-01-8	Phenanthrene	1770000	U
120-12-7	Anthracene	1770000	U
84-74-2	Di-n-butylphthalate	1770000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD134

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746709 Lab File ID: 467-09DT.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1900

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	1770000	U
129-00-0	Pyrene	1770000	U
92-87-5	Benzidine	4450000	U
85-68-7	Butylbenzylphthalate	1770000	U
91-94-1	3,3'-Dichlorobenzidine	1770000	U
56-55-3	Benzo(a)anthracene	1770000	U
218-01-9	Chrysene	1770000	U
117-81-7	bis(2-ethylhexyl)phthalate	1770000	U
117-84-0	Di-n-octylphthalate	1770000	U
205-99-2	Benzo(b)fluoranthene	1770000	U
207-08-9	Benzo(k)fluoranthene	1770000	U
50-32-8	Benzo(a)pyrene	1770000	U
193-39-5	Indeno(1,2,3-cd)pyrene	1770000	U
53-70-3	Dibenz(a,h)anthracene	1770000	U
191-24-2	Benzo(g,h,i)perylene	1770000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD150

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746710 Lab File ID: 467-10DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1930

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	334000	U
62-53-3	Aniline	334000	U
111-44-4	Bis(2-Chloroethyl)ether	334000	U
108-95-2	Phenol	1670000	U
95-57-8	2-Chlorophenol	334000	U
541-73-1	1,3-Dichlorobenzene	334000	U
106-46-7	1,4-Dichlorobenzene	334000	U
95-50-1	1,2-Dichlorobenzene	334000	U
100-51-6	Benzyl alcohol	834000	U
108-60-1	2,2-Oxybis(1-chloropropane)	338000	U
95-48-7	2-Methylphenol (o-Cresol)	334000	U
67-72-1	Hexachloroethane	338000	U
621-64-7	N-Nitroso-di-n-propylamine	334000	U
106-44-5	4-Methylphenol	334000	U
98-95-3	Nitrobenzene	334000	U
78-59-1	Isophorone	334000	U
88-75-5	2-Nitrophenol	334000	U
105-67-9	2,4-Dimethylphenol	334000	U
65-85-0	Benzoic acid	1670000	U
111-91-1	Bis(2-Chloroethoxy)methane	334000	U
120-83-2	2,4-Dichlorophenol	334000	U
120-82-1	1,2,4-Trichlorobenzene	334000	U
91-20-3	Naphthalene	334000	U
106-47-8	4-Chloroaniline	334000	U
91-57-6	2-Methylnaphthalene	334000	U
87-68-3	Hexachlorobutadiene	334000	U
59-50-7	4-Chloro-3-methylphenol	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD150

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746710 Lab File ID: 467-10DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1930

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	334000	U
77-47-4	Hexachlorocyclopentadiene	834000	U
88-06-2	2,4,6-Trichlorophenol	334000	U
95-95-4	2,4,5-Trichlorophenol	334000	U
91-58-7	2-Chloronaphthalene	338000	U
88-74-4	2-Nitroaniline	334000	U
208-96-8	Acenaphthylene	334000	U
131-11-3	Dimethyl-phthalate	334000	U
606-20-2	2,6-Dinitrotoluene	334000	U
83-32-9	Acenaphthene	334000	U
99-09-2	3-Nitroaniline	334000	U
51-28-5	2,4-Dinitrophenol	1680000	U
132-64-9	Dibenzofuran	334000	U
121-14-2	2,4-Dinitrotoluene	334000	U
100-02-7	4-Nitrophenol	834000	U
86-73-7	Fluorene	334000	U
7005-72-3	4-Chlorophenyl-phenylether	334000	U
84-66-2	Diethylphthalate	334000	U
100-01-6	4-Nitroaniline	334000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1670000	U
86-30-6	N-Nitrosodiphenylamine	334000	U
101-55-3	4-Bromophenyl-phenylether	334000	U
118-74-1	Hexachlorobenzene	334000	U
87-86-5	Pentachlorophenol	1670000	U
85-01-8	Phenanthrene	334000	U
120-12-7	Anthracene	334000	U
84-74-2	Di-n-butylphthalate	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD150

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746710 Lab File ID: 467-10DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1930

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	334000	U
129-00-0	Pyrene	334000	U
92-87-5	Benzidine	838000	U
85-68-7	Butylbenzylphthalate	334000	U
91-94-1	3,3'-Dichlorobenzidine	334000	U
56-55-3	Benzo(a)anthracene	334000	U
218-01-9	Chrysene	334000	U
117-81-7	bis(2-ethylhexyl)phthalate	334000	U
117-84-0	Di-n-octylphthalate	334000	U
205-99-2	Benzo(b)fluoranthene	334000	U
207-08-9	Benzo(k)fluoranthene	334000	U
50-32-8	Benzo(a)pyrene	334000	U
193-39-5	Indeno(1,2,3-cd)pyrene	334000	U
53-70-3	Dibenz(a,h)anthracene	334000	U
191-24-2	Benzo(g,h,i)perylene	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD141

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746711 Lab File ID: 467-11DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2000

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	374000	U
62-53-3	Aniline	374000	U
111-44-4	Bis(2-Chloroethyl)ether	374000	U
108-95-2	Phenol	1870000	U
95-57-8	2-Chlorophenol	374000	U
541-73-1	1,3-Dichlorobenzene	374000	U
106-46-7	1,4-Dichlorobenzene	374000	U
95-50-1	1,2-Dichlorobenzene	374000	U
100-51-6	Benzyl alcohol	935000	U
108-60-1	2,2-Oxybis(1-chloropropane)	378000	U
95-48-7	2-Methylphenol (o-Cresol)	374000	U
67-72-1	Hexachloroethane	378000	U
621-64-7	N-Nitroso-di-n-propylamine	374000	U
106-44-5	4-Methylphenol	374000	U
98-95-3	Nitrobenzene	374000	U
78-59-1	Isophorone	374000	U
88-75-5	2-Nitrophenol	374000	U
105-67-9	2,4-Dimethylphenol	374000	U
65-85-0	Benzoic acid	1870000	U
111-91-1	Bis(2-Chloroethoxy)methane	374000	U
120-83-2	2,4-Dichlorophenol	374000	U
120-82-1	1,2,4-Trichlorobenzene	374000	U
91-20-3	Naphthalene	374000	U
106-47-8	4-Chloroaniline	374000	U
91-57-6	2-Methylnaphthalene	374000	U
87-68-3	Hexachlorobutadiene	374000	U
59-50-7	4-Chloro-3-methylphenol	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD141

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746711 Lab File ID: 467-11DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2000

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	374000	U
77-47-4	Hexachlorocyclopentadiene	935000	U
88-06-2	2,4,6-Trichlorophenol	374000	U
95-95-4	2,4,5-Trichlorophenol	374000	U
91-58-7	2-Chloronaphthalene	378000	U
88-74-4	2-Nitroaniline	374000	U
208-96-8	Acenaphthylene	374000	U
131-11-3	Dimethyl-phthalate	374000	U
606-20-2	2,6-Dinitrotoluene	374000	U
83-32-9	Acenaphthene	374000	U
99-09-2	3-Nitroaniline	374000	U
51-28-5	2,4-Dinitrophenol	1880000	U
132-64-9	Dibenzofuran	374000	U
121-14-2	2,4-Dinitrotoluene	374000	U
100-02-7	4-Nitrophenol	935000	U
86-73-7	Fluorene	374000	U
7005-72-3	4-Chlorophenyl-phenylether	374000	U
84-66-2	Diethylphthalate	374000	U
100-01-6	4-Nitroaniline	374000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1870000	U
86-30-6	N-Nitrosodiphenylamine	374000	U
101-55-3	4-Bromophenyl-phenylether	374000	U
118-74-1	Hexachlorobenzene	374000	U
87-86-5	Pentachlorophenol	1870000	U
85-01-8	Phenanthrene	374000	U
120-12-7	Anthracene	374000	U
84-74-2	Di-n-butylphthalate	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD141

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746711 Lab File ID: 467-11DT.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2000

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	374000	U
129-00-0	Pyrene	374000	U
92-87-5	Benzidine	939000	U
85-68-7	Butylbenzylphthalate	374000	U
91-94-1	3,3'-Dichlorobenzidine	374000	U
56-55-3	Benzo(a)anthracene	374000	U
218-01-9	Chrysene	374000	U
117-81-7	bis(2-ethylhexyl)phthalate	374000	U
117-84-0	Di-n-octylphthalate	374000	U
205-99-2	Benzo(b)fluoranthene	374000	U
207-08-9	Benzo(k)fluoranthene	374000	U
50-32-8	Benzo(a)pyrene	374000	U
193-39-5	Indeno(1,2,3-cd)pyrene	374000	U
53-70-3	Dibenz(a,h)anthracene	374000	U
191-24-2	Benzo(g,h,i)perylene	374000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD8

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746712 Lab File ID: 467-12DT.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2030

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	297000	U
62-53-3	Aniline	297000	U
111-44-4	Bis(2-Chloroethyl)ether	297000	U
108-95-2	Phenol	1620000	
95-57-8	2-Chlorophenol	297000	U
541-73-1	1,3-Dichlorobenzene	297000	U
106-46-7	1,4-Dichlorobenzene	297000	U
95-50-1	1,2-Dichlorobenzene	297000	U
100-51-6	Benzyl alcohol	741000	U
108-60-1	2,2-Oxybis(1-chloropropane)	300000	U
95-48-7	2-Methylphenol (o-Cresol)	297000	U
67-72-1	Hexachloroethane	300000	U
621-64-7	N-Nitroso-di-n-propylamine	297000	U
106-44-5	4-Methylphenol	41500	J
98-95-3	Nitrobenzene	297000	U
78-59-1	Isophorone	297000	U
88-75-5	2-Nitrophenol	297000	U
105-67-9	2,4-Dimethylphenol	297000	U
65-85-0	Benzoic acid	1480000	U
111-91-1	Bis(2-Chloroethoxy)methane	297000	U
120-83-2	2,4-Dichlorophenol	297000	U
120-82-1	1,2,4-Trichlorobenzene	297000	U
91-20-3	Naphthalene	297000	U
106-47-8	4-Chloroaniline	297000	U
91-57-6	2-Methylnaphthalene	297000	U
87-68-3	Hexachlorobutadiene	297000	U
59-50-7	4-Chloro-3-methylphenol	297000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD8

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746712 Lab File ID: 467-12DT.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2030

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	297000	U
77-47-4	Hexachlorocyclopentadiene	741000	U
88-06-2	2,4,6-Trichlorophenol	297000	U
95-95-4	2,4,5-Trichlorophenol	297000	U
91-58-7	2-Chloronaphthalene	300000	U
88-74-4	2-Nitroaniline	297000	U
208-96-8	Acenaphthylene	297000	U
131-11-3	Dimethyl-phthalate	297000	U
606-20-2	2,6-Dinitrotoluene	297000	U
83-32-9	Acenaphthene	297000	U
99-09-2	3-Nitroaniline	297000	U
51-28-5	2,4-Dinitrophenol	1490000	U
132-64-9	Dibenzofuran	297000	U
121-14-2	2,4-Dinitrotoluene	297000	U
100-02-7	4-Nitrophenol	741000	U
86-73-7	Fluorene	297000	U
7005-72-3	4-Chlorophenyl-phenylether	297000	U
84-66-2	Diethylphthalate	297000	U
100-01-6	4-Nitroaniline	297000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1480000	U
86-30-6	N-Nitrosodiphenylamine	297000	U
101-55-3	4-Bromophenyl-phenylether	297000	U
118-74-1	Hexachlorobenzene	297000	U
87-86-5	Pentachlorophenol	1480000	U
85-01-8	Phenanthrene	297000	U
120-12-7	Anthracene	297000	U
84-74-2	Di-n-butylphthalate	297000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD8

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746712 Lab File ID: 467-12DT.D

Sample wt/vol: 1.35 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2030

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	297000	U
129-00-0	Pyrene	297000	U
92-87-5	Benzidine	744000	U
85-68-7	Butylbenzylphthalate	297000	U
91-94-1	3,3'-Dichlorobenzidine	297000	U
56-55-3	Benzo(a)anthracene	297000	U
218-01-9	Chrysene	297000	U
117-81-7	bis(2-ethylhexyl)phthalate	297000	U
117-84-0	Di-n-octylphthalate	297000	U
205-99-2	Benzo(b)fluoranthene	297000	U
207-08-9	Benzo(k)fluoranthene	297000	U
50-32-8	Benzo(a)pyrene	297000	U
193-39-5	Indeno(1,2,3-cd)pyrene	297000	U
53-70-3	Dibenz(a,h)anthracene	297000	U
191-24-2	Benzo(g,h,i)perylene	297000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD9

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746713 Lab File ID: 467-13DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2100

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	342000	U
62-53-3	Aniline	342000	U
111-44-4	Bis(2-Chloroethyl)ether	342000	U
108-95-2	Phenol	1500000	J
95-57-8	2-Chlorophenol	342000	U
541-73-1	1,3-Dichlorobenzene	342000	U
106-46-7	1,4-Dichlorobenzene	342000	U
95-50-1	1,2-Dichlorobenzene	342000	U
100-51-6	Benzyl alcohol	855000	U
108-60-1	2,2-Oxybis(1-chloropropane)	346000	U
95-48-7	2-Methylphenol (o-Cresol)	342000	U
67-72-1	Hexachloroethane	346000	U
621-64-7	N-Nitroso-di-n-propylamine	342000	U
106-44-5	4-Methylphenol	70400	J
98-95-3	Nitrobenzene	342000	U
78-59-1	Isophorone	342000	U
88-75-5	2-Nitrophenol	342000	U
105-67-9	2,4-Dimethylphenol	342000	U
65-85-0	Benzoic acid	1710000	U
111-91-1	Bis(2-Chloroethoxy)methane	342000	U
120-83-2	2,4-Dichlorophenol	342000	U
120-82-1	1,2,4-Trichlorobenzene	342000	U
91-20-3	Naphthalene	342000	U
106-47-8	4-Chloroaniline	342000	U
91-57-6	2-Methylnaphthalene	342000	U
87-68-3	Hexachlorobutadiene	342000	U
59-50-7	4-Chloro-3-methylphenol	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD9

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746713 Lab File ID: 467-13DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2100

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	342000	U
77-47-4	Hexachlorocyclopentadiene	855000	U
88-06-2	2,4,6-Trichlorophenol	342000	U
95-95-4	2,4,5-Trichlorophenol	342000	U
91-58-7	2-Chloronaphthalene	346000	U
88-74-4	2-Nitroaniline	342000	U
208-96-8	Acenaphthylene	342000	U
131-11-3	Dimethyl-phthalate	342000	U
606-20-2	2,6-Dinitrotoluene	342000	U
83-32-9	Acenaphthene	342000	U
99-09-2	3-Nitroaniline	342000	U
51-28-5	2,4-Dinitrophenol	1720000	U
132-64-9	Dibenzofuran	342000	U
121-14-2	2,4-Dinitrotoluene	342000	U
100-02-7	4-Nitrophenol	855000	U
86-73-7	Fluorene	342000	U
7005-72-3	4-Chlorophenyl-phenylether	342000	U
84-66-2	Diethylphthalate	342000	U
100-01-6	4-Nitroaniline	342000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1710000	U
86-30-6	N-Nitrosodiphenylamine	342000	U
101-55-3	4-Bromophenyl-phenylether	342000	U
118-74-1	Hexachlorobenzene	342000	U
87-86-5	Pentachlorophenol	1710000	U
85-01-8	Phenanthrene	342000	U
120-12-7	Anthracene	342000	U
84-74-2	Di-n-butylphthalate	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD9

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746713 Lab File ID: 467-13DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2100

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	342000	U
129-00-0	Pyrene	342000	U
92-87-5	Benzidine	859000	U
85-68-7	Butylbenzylphthalate	342000	U
91-94-1	3,3'-Dichlorobenzidine	342000	U
56-55-3	Benzo(a)anthracene	342000	U
218-01-9	Chrysene	342000	U
117-81-7	bis(2-ethylhexyl)phthalate	342000	U
117-84-0	Di-n-octylphthalate	342000	U
205-99-2	Benzo(b)fluoranthene	342000	U
207-08-9	Benzo(k)fluoranthene	342000	U
50-32-8	Benzo(a)pyrene	342000	U
193-39-5	Indeno(1,2,3-cd)pyrene	342000	U
53-70-3	Dibenz(a,h)anthracene	342000	U
191-24-2	Benzo(g,h,i)perylene	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746714 Lab File ID: 467-14DT.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2130

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	323000	U
62-53-3	Aniline	323000	U
111-44-4	Bis(2-Chloroethyl)ether	323000	U
108-95-2	Phenol	285000	J
95-57-8	2-Chlorophenol	323000	U
541-73-1	1,3-Dichlorobenzene	323000	U
106-46-7	1,4-Dichlorobenzene	323000	U
95-50-1	1,2-Dichlorobenzene	323000	U
100-51-6	Benzyl alcohol	807000	U
108-60-1	2,2-Oxybis(1-chloropropane)	327000	U
95-48-7	2-Methylphenol (o-Cresol)	323000	U
67-72-1	Hexachloroethane	327000	U
621-64-7	N-Nitroso-di-n-propylamine	323000	U
106-44-5	4-Methylphenol	323000	U
98-95-3	Nitrobenzene	323000	U
78-59-1	Isophorone	323000	U
88-75-5	2-Nitrophenol	323000	U
105-67-9	2,4-Dimethylphenol	323000	U
65-85-0	Benzoic acid	1610000	U
111-91-1	Bis(2-Chloroethoxy)methane	323000	U
120-83-2	2,4-Dichlorophenol	323000	U
120-82-1	1,2,4-Trichlorobenzene	323000	U
91-20-3	Naphthalene	323000	U
106-47-8	4-Chloroaniline	323000	U
91-57-6	2-Methylnaphthalene	323000	U
87-68-3	Hexachlorobutadiene	323000	U
59-50-7	4-Chloro-3-methylphenol	323000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746714 Lab File ID: 467-14DT.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2130

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	323000	U
77-47-4	Hexachlorocyclopentadiene	807000	U
88-06-2	2,4,6-Trichlorophenol	323000	U
95-95-4	2,4,5-Trichlorophenol	323000	U
91-58-7	2-Chloronaphthalene	327000	U
88-74-4	2-Nitroaniline	323000	U
208-96-8	Acenaphthylene	323000	U
131-11-3	Dimethyl-phthalate	323000	U
606-20-2	2,6-Dinitrotoluene	323000	U
83-32-9	Acenaphthene	323000	U
99-09-2	3-Nitroaniline	323000	U
51-28-5	2,4-Dinitrophenol	1620000	U
132-64-9	Dibenzofuran	323000	U
121-14-2	2,4-Dinitrotoluene	323000	U
100-02-7	4-Nitrophenol	807000	U
86-73-7	Fluorene	323000	U
7005-72-3	4-Chlorophenyl-phenylether	323000	U
84-66-2	Diethylphthalate	323000	U
100-01-6	4-Nitroaniline	323000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1610000	U
86-30-6	N-Nitrosodiphenylamine	323000	U
101-55-3	4-Bromophenyl-phenylether	323000	U
118-74-1	Hexachlorobenzene	323000	U
87-86-5	Pentachlorophenol	1610000	U
85-01-8	Phenanthrene	323000	U
120-12-7	Anthracene	323000	U
84-74-2	Di-n-butylphthalate	323000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746714 Lab File ID: 467-14DT.D

Sample wt/vol: 1.24 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2130

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	323000	U
129-00-0	Pyrene	323000	U
92-87-5	Benzidine	810000	U
85-68-7	Butylbenzylphthalate	323000	U
91-94-1	3,3'-Dichlorobenzidine	323000	U
56-55-3	Benzo(a)anthracene	323000	U
218-01-9	Chrysene	323000	U
117-81-7	bis(2-ethylhexyl)phthalate	323000	U
117-84-0	Di-n-octylphthalate	323000	U
205-99-2	Benzo(b)fluoranthene	323000	U
207-08-9	Benzo(k)fluoranthene	323000	U
50-32-8	Benzo(a)pyrene	323000	U
193-39-5	Indeno(1,2,3-cd)pyrene	323000	U
53-70-3	Dibenz(a,h)anthracene	323000	U
191-24-2	Benzo(g,h,i)perylene	323000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD28

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746715 Lab File ID: 467-15DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2159

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD28

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746715 Lab File ID: 467-15DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2159

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD28

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746715 Lab File ID: 467-15DT.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2159

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD143

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746716 Lab File ID: 467-16DT.D

Sample wt/vol: 1.11 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2229

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	1800000	U
62-53-3	Aniline	1800000	U
111-44-4	Bis(2-Chloroethyl)ether	1800000	U
108-95-2	Phenol	9010000	U
95-57-8	2-Chlorophenol	1800000	U
541-73-1	1,3-Dichlorobenzene	1800000	U
106-46-7	1,4-Dichlorobenzene	1800000	U
95-50-1	1,2-Dichlorobenzene	1800000	U
100-51-6	Benzyl alcohol	4510000	U
108-60-1	2,2-Oxybis(1-chloropropane)	1820000	U
95-48-7	2-Methylphenol (o-Cresol)	1800000	U
67-72-1	Hexachloroethane	1820000	U
621-64-7	N-Nitroso-di-n-propylamine	1800000	U
106-44-5	4-Methylphenol	1800000	U
98-95-3	Nitrobenzene	1800000	U
78-59-1	Isophorone	1800000	U
88-75-5	2-Nitrophenol	1800000	U
105-67-9	2,4-Dimethylphenol	1800000	U
65-85-0	Benzoic acid	9010000	U
111-91-1	Bis(2-Chloroethoxy)methane	1800000	U
120-83-2	2,4-Dichlorophenol	1800000	U
120-82-1	1,2,4-Trichlorobenzene	1800000	U
91-20-3	Naphthalene	1800000	U
106-47-8	4-Chloroaniline	1800000	U
91-57-6	2-Methylnaphthalene	1800000	U
87-68-3	Hexachlorobutadiene	1800000	U
59-50-7	4-Chloro-3-methylphenol	1800000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD143

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746716 Lab File ID: 467-16DT.D

Sample wt/vol: 1.11 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2229

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	1800000	U
77-47-4	Hexachlorocyclopentadiene	4510000	U
88-06-2	2,4,6-Trichlorophenol	1800000	U
95-95-4	2,4,5-Trichlorophenol	1800000	U
91-58-7	2-Chloronaphthalene	1820000	U
88-74-4	2-Nitroaniline	1800000	U
208-96-8	Acenaphthylene	1800000	U
131-11-3	Dimethyl-phthalate	1800000	U
606-20-2	2,6-Dinitrotoluene	1800000	U
83-32-9	Acenaphthene	1800000	U
99-09-2	3-Nitroaniline	1800000	U
51-28-5	2,4-Dinitrophenol	9050000	U
132-64-9	Dibenzofuran	1800000	U
121-14-2	2,4-Dinitrotoluene	1800000	U
100-02-7	4-Nitrophenol	4510000	U
86-73-7	Fluorene	1800000	U
7005-72-3	4-Chlorophenyl-phenylether	1800000	U
84-66-2	Diethylphthalate	1800000	U
100-01-6	4-Nitroaniline	1800000	U
534-52-1	2-Methyl-4,6-dinitrophenol	9010000	U
86-30-6	N-Nitrosodiphenylamine	1800000	U
101-55-3	4-Bromophenyl-phenylether	1800000	U
118-74-1	Hexachlorobenzene	1800000	U
87-86-5	Pentachlorophenol	9010000	U
85-01-8	Phenanthrene	1800000	U
120-12-7	Anthracene	1800000	U
84-74-2	Di-n-butylphthalate	1800000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD143

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746716 Lab File ID: 467-16DT.D

Sample wt/vol: 1.11 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2229

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	1800000	U
129-00-0	Pyrene	1800000	U
92-87-5	Benzidine	4530000	U
85-68-7	Butylbenzylphthalate	1800000	U
91-94-1	3,3'-Dichlorobenzidine	1800000	U
56-55-3	Benzo(a)anthracene	1800000	U
218-01-9	Chrysene	1800000	U
117-81-7	bis(2-ethylhexyl)phthalate	1800000	U
117-84-0	Di-n-octylphthalate	1800000	U
205-99-2	Benzo(b)fluoranthene	1800000	U
207-08-9	Benzo(k)fluoranthene	1800000	U
50-32-8	Benzo(a)pyrene	1800000	U
193-39-5	Indeno(1,2,3-cd)pyrene	1800000	U
53-70-3	Dibenz(a,h)anthracene	1800000	U
191-24-2	Benzo(g,h,i)perylene	1800000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD29

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746717 Lab File ID: 467-17DT.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2259

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	345000	U
62-53-3	Aniline	345000	U
111-44-4	Bis(2-Chloroethyl)ether	345000	U
108-95-2	Phenol	58700	J
95-57-8	2-Chlorophenol	345000	U
541-73-1	1,3-Dichlorobenzene	345000	U
106-46-7	1,4-Dichlorobenzene	345000	U
95-50-1	1,2-Dichlorobenzene	345000	U
100-51-6	Benzyl alcohol	862000	U
108-60-1	2,2-Oxybis(1-chloropropane)	349000	U
95-48-7	2-Methylphenol (o-Cresol)	345000	U
67-72-1	Hexachloroethane	349000	U
621-64-7	N-Nitroso-di-n-propylamine	345000	U
106-44-5	4-Methylphenol	345000	U
98-95-3	Nitrobenzene	345000	U
78-59-1	Isophorone	345000	U
88-75-5	2-Nitrophenol	345000	U
105-67-9	2,4-Dimethylphenol	345000	U
65-85-0	Benzoic acid	1720000	U
111-91-1	Bis(2-Chloroethoxy)methane	345000	U
120-83-2	2,4-Dichlorophenol	345000	U
120-82-1	1,2,4-Trichlorobenzene	345000	U
91-20-3	Naphthalene	345000	U
106-47-8	4-Chloroaniline	345000	U
91-57-6	2-Methylnaphthalene	345000	U
87-68-3	Hexachlorobutadiene	345000	U
59-50-7	4-Chloro-3-methylphenol	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD29

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746717 Lab File ID: 467-17DT.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2259

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	345000	U
77-47-4	Hexachlorocyclopentadiene	862000	U
88-06-2	2,4,6-Trichlorophenol	345000	U
95-95-4	2,4,5-Trichlorophenol	345000	U
91-58-7	2-Chloronaphthalene	349000	U
88-74-4	2-Nitroaniline	345000	U
208-96-8	Acenaphthylene	345000	U
131-11-3	Dimethyl-phthalate	345000	U
606-20-2	2,6-Dinitrotoluene	345000	U
83-32-9	Acenaphthene	345000	U
99-09-2	3-Nitroaniline	345000	U
51-28-5	2,4-Dinitrophenol	1730000	U
132-64-9	Dibenzofuran	345000	U
121-14-2	2,4-Dinitrotoluene	345000	U
100-02-7	4-Nitrophenol	862000	U
86-73-7	Fluorene	345000	U
7005-72-3	4-Chlorophenyl-phenylether	345000	U
84-66-2	Diethylphthalate	345000	U
100-01-6	4-Nitroaniline	345000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1720000	U
86-30-6	N-Nitrosodiphenylamine	345000	U
101-55-3	4-Bromophenyl-phenylether	345000	U
118-74-1	Hexachlorobenzene	345000	U
87-86-5	Pentachlorophenol	1720000	U
85-01-8	Phenanthrene	345000	U
120-12-7	Anthracene	345000	U
84-74-2	Di-n-butylphthalate	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD29

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746717 Lab File ID: 467-17DT.D

Sample wt/vol: 1.16 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2259

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	345000	U
129-00-0	Pyrene	345000	U
92-87-5	Benzidine	866000	U
85-68-7	Butylbenzylphthalate	345000	U
91-94-1	3,3'-Dichlorobenzidine	345000	U
56-55-3	Benzo(a)anthracene	345000	U
218-01-9	Chrysene	345000	U
117-81-7	bis(2-ethylhexyl)phthalate	345000	U
117-84-0	Di-n-octylphthalate	345000	U
205-99-2	Benzo(b)fluoranthene	345000	U
207-08-9	Benzo(k)fluoranthene	345000	U
50-32-8	Benzo(a)pyrene	345000	U
193-39-5	Indeno(1,2,3-cd)pyrene	345000	U
53-70-3	Dibenz(a,h)anthracene	345000	U
191-24-2	Benzo(g,h,i)perylene	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD139

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746718 Lab File ID: 467-18DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2329

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	351000	U
62-53-3	Aniline	351000	U
111-44-4	Bis(2-Chloroethyl)ether	351000	U
108-95-2	Phenol	1760000	U
95-57-8	2-Chlorophenol	351000	U
541-73-1	1,3-Dichlorobenzene	351000	U
106-46-7	1,4-Dichlorobenzene	351000	U
95-50-1	1,2-Dichlorobenzene	351000	U
100-51-6	Benzyl alcohol	878000	U
108-60-1	2,2-Oxybis(1-chloropropane)	355000	U
95-48-7	2-Methylphenol (o-Cresol)	351000	U
67-72-1	Hexachloroethane	355000	U
621-64-7	N-Nitroso-di-n-propylamine	351000	U
106-44-5	4-Methylphenol	351000	U
98-95-3	Nitrobenzene	351000	U
78-59-1	Isophorone	351000	U
88-75-5	2-Nitrophenol	351000	U
105-67-9	2,4-Dimethylphenol	351000	U
65-85-0	Benzoic acid	1760000	U
111-91-1	Bis(2-Chloroethoxy)methane	351000	U
120-83-2	2,4-Dichlorophenol	351000	U
120-82-1	1,2,4-Trichlorobenzene	351000	U
91-20-3	Naphthalene	351000	U
106-47-8	4-Chloroaniline	351000	U
91-57-6	2-Methylnaphthalene	351000	U
87-68-3	Hexachlorobutadiene	351000	U
59-50-7	4-Chloro-3-methylphenol	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD139

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746718 Lab File ID: 467-18DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2329

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	351000	U
77-47-4	Hexachlorocyclopentadiene	878000	U
88-06-2	2,4,6-Trichlorophenol	351000	U
95-95-4	2,4,5-Trichlorophenol	351000	U
91-58-7	2-Chloronaphthalene	355000	U
88-74-4	2-Nitroaniline	351000	U
208-96-8	Acenaphthylene	351000	U
131-11-3	Dimethyl-phthalate	351000	U
606-20-2	2,6-Dinitrotoluene	351000	U
83-32-9	Acenaphthene	351000	U
99-09-2	3-Nitroaniline	351000	U
51-28-5	2,4-Dinitrophenol	1760000	U
132-64-9	Dibenzofuran	351000	U
121-14-2	2,4-Dinitrotoluene	351000	U
100-02-7	4-Nitrophenol	878000	U
86-73-7	Fluorene	351000	U
7005-72-3	4-Chlorophenyl-phenylether	351000	U
84-66-2	Diethylphthalate	351000	U
100-01-6	4-Nitroaniline	351000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1760000	U
86-30-6	N-Nitrosodiphenylamine	351000	U
101-55-3	4-Bromophenyl-phenylether	351000	U
118-74-1	Hexachlorobenzene	351000	U
87-86-5	Pentachlorophenol	1760000	U
85-01-8	Phenanthrene	351000	U
120-12-7	Anthracene	351000	U
84-74-2	Di-n-butylphthalate	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD139

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746718 Lab File ID: 467-18DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2329

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	351000	U
129-00-0	Pyrene	351000	U
92-87-5	Benzidine	882000	U
85-68-7	Butylbenzylphthalate	351000	U
91-94-1	3,3'-Dichlorobenzidine	351000	U
56-55-3	Benzo(a)anthracene	351000	U
218-01-9	Chrysene	351000	U
117-81-7	bis(2-ethylhexyl)phthalate	351000	U
117-84-0	Di-n-octylphthalate	351000	U
205-99-2	Benzo(b)fluoranthene	351000	U
207-08-9	Benzo(k)fluoranthene	351000	U
50-32-8	Benzo(a)pyrene	351000	U
193-39-5	Indeno(1,2,3-cd)pyrene	351000	U
53-70-3	Dibenz(a,h)anthracene	351000	U
191-24-2	Benzo(g,h,i)perylene	351000	U

QC Summary

130907 1343

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3423BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 248458 Lab File ID: 3423BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1356

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3423BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 248458 Lab File ID: 3423BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1356

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3423BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 248458 Lab File ID: 3423BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1356

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3423LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	80000	107000	134.0 *		30.0	48 - 115
Aniline	80000	77900	97.4		30.0	47 - 140
Bis(2-Chloroethyl)ether	80000	87700	110.0 *		30.0	61 - 105
Phenol	80000	86600	108.0 *		23.0	46 - 100
2-Chlorophenol	80000	82800	104.0		24.0	54 - 105
1,3-Dichlorobenzene	80000	85800	107.0 *		26.0	67 - 100
1,4-Dichlorobenzene	80000	86000	108.0 *		27.0	62 - 105
1,2-Dichlorobenzene	80000	84600	106.0 *		30.0	65 - 95
Benzyl alcohol	80000	0	0.0 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	80000	88900	111.0		30.0	52 - 115
2-Methylphenol (o-Cresol)	80000	74400	93.0		30.0	58 - 105
Hexachloroethane	80000	86000	108.0		28.0	65 - 110
N-Nitroso-di-n-propylamine	80000	85100	106.0		28.0	59 - 115
4-Methylphenol	80000	72900	91.1		26.0	57 - 105
Nitrobenzene	80000	91500	114.0		27.0	71 - 115
Isophorone	80000	78600	98.2		30.0	69 - 110
2-Nitrophenol	80000	81100	101.0		20.0	61 - 110
2,4-Dimethylphenol	80000	83800	105.0		30.0	65 - 105
Benzoic acid	160000	183000	114.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	80000	72100	90.1		30.0	70 - 110
2,4-Dichlorophenol	80000	78200	97.8		29.0	64 - 110
1,2,4-Trichlorobenzene	80000	86000	108.0		29.0	71 - 110
Naphthalene	80000	87600	110.0 *		23.0	67 - 105
4-Chloroaniline	80000	77800	97.2 *		30.0	57 - 95
2-Methylnaphthalene	80000	91400	114.0 *		22.0	72 - 105
Hexachlorobutadiene	80000	80000	100.0		27.0	79 - 115
4-Chloro-3-methylphenol	80000	77100	96.4		30.0	62 - 115
1-Methylnaphthalene	80000	91700	115.0		25.0	67 - 145
Hexachlorocyclopentadiene	80000	58700	73.4		44.0	34 - 139
2,4,6-Trichlorophenol	80000	78000	97.5		30.0	62 - 110
2,4,5-Trichlorophenol	80000	69400	86.8		29.0	61 - 110
2-Chloronaphthalene	80000	84400	106.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1343

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3423LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	80000	81000	101.0		23.0	71 - 120
Acenaphthylene	80000	80600	101.0		21.0	66 - 105
Dimethyl-phthalate	80000	89100	111.0 *		30.0	69 - 110
2,6-Dinitrotoluene	80000	80300	100.0		30.0	73 - 110
Acenaphthene	80000	82400	103.0		28.0	65 - 110
3-Nitroaniline	80000	78400	98.0		30.0	76 - 110
2,4-Dinitrophenol	160000	104000	65.0		30.0	29 - 130
Dibenzofuran	80000	88400	110.0 *		28.0	75 - 105
2,4-Dinitrotoluene	80000	91700	115.0		29.0	77 - 115
4-Nitrophenol	80000	72500	90.6		30.0	52 - 140
Fluorene	80000	87900	110.0		28.0	67 - 110
4-Chlorophenyl-phenylether	80000	91000	114.0 *		30.0	65 - 110
Diethylphthalate	80000	87400	109.0		28.0	68 - 115
4-Nitroaniline	80000	75200	94.0		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	80000	62100	77.6		28.0	34 - 135
N-Nitrosodiphenylamine	80000	86000	108.0		23.0	77 - 115
4-Bromophenyl-phenylether	80000	77800	97.2		30.0	59 - 115
Hexachlorobenzene	80000	80500	101.0		28.0	77 - 120
Pentachlorophenol	80000	49500	61.9		30.0	36 - 120
Phenanthrene	80000	85200	106.0		25.0	67 - 110
Anthracene	80000	79000	98.8		19.0	67 - 105
Di-n-butylphthalate	80000	76000	95.0		29.0	67 - 110
Fluoranthene	80000	83100	104.0		21.0	74 - 115
Pyrene	80000	83700	105.0		20.0	67 - 125
Benzidine	80000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	80000	72300	90.4		30.0	66 - 125
3,3'-Dichlorobenzidine	80000	72000	90.0		30.0	41 - 130
Benzo(a)anthracene	80000	79100	98.9		29.0	67 - 110
Chrysene	80000	80600	101.0		30.0	65 - 110
bis(2-ethylhexyl)phthalate	80000	74600	93.2		30.0	65 - 125
Di-n-octylphthalate	80000	61000	76.2		30.0	64 - 130
Benzo(b)fluoranthene	80000	77300	96.6		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

130907 1343

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3423LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	80000	83500	104.0		28.0	53 - 125
Benzo(a)pyrene	80000	74000	92.5		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	80000	77100	96.4		30.0	40 - 120
Dibenz(a,h)anthracene	80000	63500	79.4		30.0	40 - 125
Benzo(g,h,i)perylene	80000	77500	96.9		23.0	41 - 125

Spike Recovery: 16 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1343

Form III

GC/ECD PCB ORGANICS

METHOD 8082

130907 1343

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

F. Samples:

Sample analysis proceeded normally.
Sample NPPD134 and NPPD143 required 1:10 dilutions due to matrix interference.
Only the diluted runs are reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/10/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Method: 8082

EPA Sample No	Lab Sample ID
NPPD146	250746701
NPPD144	250746702
NPPD156	250746703
NPPD145	250746704
NPPD155	250746705
NPPD157	250746706
NPPD158	250746707
NPPD149	250746708
NPPD134	250746709
NPPD150	250746710
NPPD141	250746711
NPPD8	250746712
NPPD9	250746713
NPPD27	250746714
NPPD28	250746715
NPPD143	250746716
NPPD29	250746717
NPPD139	250746718

130907 1343

Sample Data

130907 1343

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD146

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746701 Lab File ID: 467-01.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1447

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD144

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746702 Lab File ID: 467-02.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1519

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD156

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746703 Lab File ID: 467-03.D

Sample wt/vol: 1.04 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1551

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD145

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746704 Lab File ID: 467-04.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1623

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD155

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746705 Lab File ID: 467-05.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1655

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD157

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746706 Lab File ID: 467-06.D

Sample wt/vol: 1.06 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1726

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD158

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746707 Lab File ID: 467-07.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1758

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD149

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746708 Lab File ID: 467-08.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1830

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD134

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746709 Lab File ID: 467-9D10.D

Sample wt/vol: 1.06 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1901

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4200	U
11096-82-5	Aroclor-1260	4200	U
11104-28-2	Aroclor-1221	4200	U
11141-16-5	Aroclor-1232	4200	U
53469-21-9	Aroclor-1242	4200	U
12672-29-6	Aroclor-1248	4200	U
11097-69-1	Aroclor-1254	4200	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD150

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746710 Lab File ID: 467-10.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1933

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD141

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746711 Lab File ID: 467-11.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2005

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD8

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746712 Lab File ID: 467-12.D

Sample wt/vol: 1.2 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2036

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	380	U
11096-82-5	Aroclor-1260	380	U
11104-28-2	Aroclor-1221	380	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD9

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746713 Lab File ID: 467-13.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2108

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746714 Lab File ID: 467-14.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2227

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD28

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746715 Lab File ID: 467-15.D

Sample wt/vol: 1.08 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2259

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD143

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746716 Lab File ID: 46716D10.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2330

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4400	U
11096-82-5	Aroclor-1260	4400	U
11104-28-2	Aroclor-1221	4400	U
11141-16-5	Aroclor-1232	4400	U
53469-21-9	Aroclor-1242	4400	U
12672-29-6	Aroclor-1248	4400	U
11097-69-1	Aroclor-1254	4400	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD29

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746717 Lab File ID: 467-17.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0002

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD139

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746718 Lab File ID: 467-18.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0033

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 409BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 248298 Lab File ID: 409BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1343

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

409LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	9790	97.9		21.0	40 - 140
Aroclor-1260	10000	10300	103.0		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

130907 1344

Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

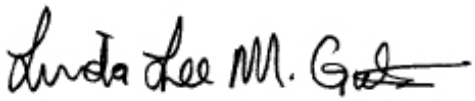
F. Samples:

Sample analysis proceeded normally.

Samples NPPD143, NPPD144, NPPD145, NPPD155, NPPD158 required a 1:5 dilution due to high concentration of the following analyte(s): Thallium.

Sample NPPD27 required a 1:5 dilution due to high concentration of the following analyte(s): Antimony.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 09/10/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507467

Client: T N & Associates, Inc.

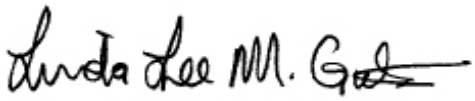
D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **09/07/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507467

SOW No.:

EPA Sample No	Lab Sample ID
NPPD146	250746701
NPPD144	250746702
NPPD144DL1	250746702DL1
NPPD156	250746703
NPPD145	250746704
NPPD145DL1	250746704DL1
NPPD155	250746705
NPPD155DL1	250746705DL1
NPPD157	250746706
NPPD158	250746707
NPPD158DL1	250746707DL1
NPPD149	250746708
NPPD134	250746709
NPPD150	250746710
NPPD141	250746711
NPPD8	250746712
NPPD9	250746713
NPPD27	250746714
NPPD27DL1	250746714DL1
NPPD28	250746715
NPPD143	250746716
NPPD143DL1	250746716DL1
NPPD29	250746717
NPPD139	250746718

Were ICP interelement corrections applied? Yes/No Yes

Were ICP background corrections applied? Yes/No Yes

If yes - were raw data generated before application of background corrections? Yes/No No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD146

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746701

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	0.561	B		P
7440-38-2	Arsenic	0.492	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0492	U		P
7440-70-2	Calcium	6.56	B		P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.0492	U		P
7440-50-8	Copper	0.157	U		P
7439-89-6	Iron	6.68			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	0.157	U		P
7439-97-6	Mercury	0.00333	B		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	2190			P
7782-49-2	Selenium	0.492	U		P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	39.2			P
7440-28-0	Thallium	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD146

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746701

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	0.883	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD144

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746702

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.01	U		P
7440-36-0	Antimony	1.36			P
7440-38-2	Arsenic	1.05			P
7440-39-3	Barium	0.153	U		P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.0478	U		P
7440-70-2	Calcium	5.75	B		P
7440-47-3	Chromium	6.31			P
7440-48-4	Cobalt	0.327	B		P
7440-50-8	Copper	9.47			P
7439-89-6	Iron	995			P
7439-92-1	Lead	0.447	B		P
7439-95-4	Magnesium	2.87	U		P
7439-96-5	Manganese	0.767			P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	3.75			P
7440-09-7	Potassium	571			P
7782-49-2	Selenium	3.76			P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	564			P
7440-62-2	Vanadium	0.153	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD144

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746702

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	24.4			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD144DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746702DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.58	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD156

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746703

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	12.6			P
7440-36-0	Antimony	13.6			P
7440-38-2	Arsenic	2.56			P
7440-39-3	Barium	0.558			P
7440-41-7	Beryllium	0.159	U		P
7440-43-9	Cadmium	0.0498	U		P
7440-70-2	Calcium	45.3			P
7440-47-3	Chromium	0.384	B		P
7440-48-4	Cobalt	0.0498	U		P
7440-50-8	Copper	3.63			P
7439-89-6	Iron	123			P
7439-92-1	Lead	0.339	U		P
7439-95-4	Magnesium	4.88	B		P
7439-96-5	Manganese	0.709			P
7439-97-6	Mercury	0.0395			CV
7440-02-0	Nickel	0.159	U		P
7440-09-7	Potassium	1700			P
7782-49-2	Selenium	0.498	U		P
7440-22-4	Silver	0.159	U		P
7440-23-5	Sodium	397			P
7440-28-0	Thallium	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD156

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746703

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.159	U		P
7440-66-6	Zinc	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD145

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746704

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	1.02			P
7440-38-2	Arsenic	0.67	B		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0491	U		P
7440-70-2	Calcium	3.91	B		P
7440-47-3	Chromium	5.88			P
7440-48-4	Cobalt	0.299	B		P
7440-50-8	Copper	9.14			P
7439-89-6	Iron	1160			P
7439-92-1	Lead	0.334	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	1.64			P
7439-97-6	Mercury	0.00205	U		CV
7440-02-0	Nickel	3.72			P
7440-09-7	Potassium	533			P
7782-49-2	Selenium	2.76			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	713			P
7440-62-2	Vanadium	0.157	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD145

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746704

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	23.2			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD145DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746704DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.62	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD155

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746705

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	1.09			P
7440-38-2	Arsenic	1.7			P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0487	U		P
7440-70-2	Calcium	8.22	B		P
7440-47-3	Chromium	0.234	B		P
7440-48-4	Cobalt	0.0487	U		P
7440-50-8	Copper	0.348	B		P
7439-89-6	Iron	13.8			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	2.92	U		P
7439-96-5	Manganese	0.156	U		P
7439-97-6	Mercury	0.00611	B		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	708			P
7782-49-2	Selenium	3.29			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	243			P
7440-62-2	Vanadium	0.156	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD155

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746705

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.438	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD155DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746705DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.61	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD157

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746706

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	0.225	U		P
7440-38-2	Arsenic	0.488	U		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0488	U		P
7440-70-2	Calcium	3.46	B		P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0488	U		P
7440-50-8	Copper	0.408	B		P
7439-89-6	Iron	3.22	B		P
7439-92-1	Lead	0.332	U		P
7439-95-4	Magnesium	2.93	U		P
7439-96-5	Manganese	0.156	U		P
7439-97-6	Mercury	0.00406	B		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	34.9	B		P
7782-49-2	Selenium	2.07			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	53.1			P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD157

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746706

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	0.517	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD158

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746707

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	0.368	B		P
7440-38-2	Arsenic	0.593	B		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	6.96	B		P
7440-47-3	Chromium	0.337	B		P
7440-48-4	Cobalt	0.226	B		P
7440-50-8	Copper	0.292	B		P
7439-89-6	Iron	10.1			P
7439-92-1	Lead	0.364	B		P
7439-95-4	Magnesium	2.9	U		P
7439-96-5	Manganese	0.155	U		P
7439-97-6	Mercury	0.00207	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	116			P
7782-49-2	Selenium	2.77			P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	98.8			P
7440-62-2	Vanadium	0.155	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD158

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746707

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	1.57			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD158DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746707DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.6	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD149

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746708

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.28	B		P
7440-36-0	Antimony	15.9			P
7440-38-2	Arsenic	0.499	B		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0485	U		P
7440-70-2	Calcium	48.1			P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0485	U		P
7440-50-8	Copper	0.491			P
7439-89-6	Iron	79.7			P
7439-92-1	Lead	0.33	U		P
7439-95-4	Magnesium	43.5			P
7439-96-5	Manganese	1.22			P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.722			P
7440-09-7	Potassium	1750			P
7782-49-2	Selenium	0.755	B		P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	3020			P
7440-28-0	Thallium	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD149

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746708

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	1.67			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD134

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746709

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	15.5			P
7440-38-2	Arsenic	1.92			P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0792	B		P
7440-70-2	Calcium	36			P
7440-47-3	Chromium	3.53			P
7440-48-4	Cobalt	0.168	B		P
7440-50-8	Copper	1.37			P
7439-89-6	Iron	2530			P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	41			P
7439-96-5	Manganese	10.8			P
7439-97-6	Mercury	0.00536	B		CV
7440-02-0	Nickel	9.34			P
7440-09-7	Potassium	448			P
7782-49-2	Selenium	1.51			P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	6910			P
7440-28-0	Thallium	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD134

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746709

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	25.5			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD150

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746710

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.09	U		P
7440-36-0	Antimony	0.342	B		P
7440-38-2	Arsenic	0.498	U		P
7440-39-3	Barium	0.159	U		P
7440-41-7	Beryllium	0.159	U		P
7440-43-9	Cadmium	0.0498	U		P
7440-70-2	Calcium	64.7			P
7440-47-3	Chromium	0.159	U		P
7440-48-4	Cobalt	0.0498	U		P
7440-50-8	Copper	0.159	U		P
7439-89-6	Iron	2.33	B		P
7439-92-1	Lead	0.339	U		P
7439-95-4	Magnesium	4.97	B		P
7439-96-5	Manganese	0.159	U		P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.159	U		P
7440-09-7	Potassium	15.2	B		P
7782-49-2	Selenium	0.509	B		P
7440-22-4	Silver	0.159	U		P
7440-23-5	Sodium	24.6	B		P
7440-28-0	Thallium	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD150

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746710

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.159	U		P
7440-66-6	Zinc	0.811	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD141

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746711

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	0.362	B		P
7440-38-2	Arsenic	0.49	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.049	U		P
7440-70-2	Calcium	14.7			P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.049	U		P
7440-50-8	Copper	0.157	U		P
7439-89-6	Iron	1.73	B		P
7439-92-1	Lead	0.333	U		P
7439-95-4	Magnesium	2.94	U		P
7439-96-5	Manganese	0.157	U		P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	4.9	U		P
7782-49-2	Selenium	0.49	U		P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	9.8	U		P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD141

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746711

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	1.54			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD8

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746712

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	13.6			P
7440-36-0	Antimony	160			P
7440-38-2	Arsenic	2.37			P
7440-39-3	Barium	0.914			P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0492	U		P
7440-70-2	Calcium	89.3			P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.268	B		P
7440-50-8	Copper	0.716			P
7439-89-6	Iron	150			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	26.9			P
7439-96-5	Manganese	1.04			P
7439-97-6	Mercury	0.00348	B		CV
7440-02-0	Nickel	0.396	B		P
7440-09-7	Potassium	393			P
7782-49-2	Selenium	1.55			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	4880			P
7440-28-0	Thallium	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD8

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746712

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	3.04			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD9

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746713

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	142			P
7440-38-2	Arsenic	1.61			P
7440-39-3	Barium	0.336	B		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0493	U		P
7440-70-2	Calcium	84.8			P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.217	B		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	68			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	18.7			P
7439-96-5	Manganese	0.556			P
7439-97-6	Mercury	0.00202	U		CV
7440-02-0	Nickel	0.29	B		P
7440-09-7	Potassium	226			P
7782-49-2	Selenium	2.12			P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	2790			P
7440-28-0	Thallium	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD9

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746713

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	1.01			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746714

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	114			P
7440-38-2	Arsenic	6.38			P
7440-39-3	Barium	4.09			P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.178	B		P
7440-70-2	Calcium	501			P
7440-47-3	Chromium	3.17			P
7440-48-4	Cobalt	0.817			P
7440-50-8	Copper	5.15			P
7439-89-6	Iron	481			P
7439-92-1	Lead	6.31			P
7439-95-4	Magnesium	45.5			P
7439-96-5	Manganese	27.7			P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	1.48			P
7440-09-7	Potassium	4410			P
7782-49-2	Selenium	0.966	B		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	6580			P
7440-28-0	Thallium	0.322	U		P
7440-62-2	Vanadium	0.488			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD27

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746714

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	13			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD27DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746714DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	674			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD28

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746715

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	29.3			P
7440-36-0	Antimony	99.8			P
7440-38-2	Arsenic	1.87			P
7440-39-3	Barium	0.737			P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.119	B		P
7440-70-2	Calcium	594			P
7440-47-3	Chromium	0.429	B		P
7440-48-4	Cobalt	0.557			P
7440-50-8	Copper	0.385	B		P
7439-89-6	Iron	278			P
7439-92-1	Lead	0.686			P
7439-95-4	Magnesium	44.5			P
7439-96-5	Manganese	18.4			P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.552			P
7440-09-7	Potassium	576			P
7782-49-2	Selenium	0.544	B		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	861			P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD28

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746715

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	2.99			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD143

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746716

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	1.29			P
7440-38-2	Arsenic	0.839	B		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0489	U		P
7440-70-2	Calcium	3.78	B		P
7440-47-3	Chromium	6.39			P
7440-48-4	Cobalt	0.318	B		P
7440-50-8	Copper	9.6			P
7439-89-6	Iron	966			P
7439-92-1	Lead	0.333	U		P
7439-95-4	Magnesium	2.94	U		P
7439-96-5	Manganese	0.546			P
7439-97-6	Mercury	0.00201	U		CV
7440-02-0	Nickel	3.84			P
7440-09-7	Potassium	552			P
7782-49-2	Selenium	4.08			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	560			P
7440-62-2	Vanadium	0.156	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD143

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746716

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	24.8			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD143DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746716DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.61	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD29

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746717

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	98.7			P
7440-36-0	Antimony	469			P
7440-38-2	Arsenic	5.75			P
7440-39-3	Barium	3.54			P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.164	B		P
7440-70-2	Calcium	555			P
7440-47-3	Chromium	2.55			P
7440-48-4	Cobalt	0.726			P
7440-50-8	Copper	4.26			P
7439-89-6	Iron	838			P
7439-92-1	Lead	5.56			P
7439-95-4	Magnesium	57.8			P
7439-96-5	Manganese	28.4			P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	1.17			P
7440-09-7	Potassium	1220			P
7782-49-2	Selenium	0.559	B		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	2150			P
7440-28-0	Thallium	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD29

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746717

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.417	B		P
7440-66-6	Zinc	11.6			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD139

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746718

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2	U		P
7440-36-0	Antimony	1.02			P
7440-38-2	Arsenic	0.476	U		P
7440-39-3	Barium	0.152	U		P
7440-41-7	Beryllium	0.152	U		P
7440-43-9	Cadmium	0.0476	U		P
7440-70-2	Calcium	26.5			P
7440-47-3	Chromium	0.152	U		P
7440-48-4	Cobalt	0.0476	U		P
7440-50-8	Copper	0.276	B		P
7439-89-6	Iron	632			P
7439-92-1	Lead	0.324	U		P
7439-95-4	Magnesium	6.66	B		P
7439-96-5	Manganese	2			P
7439-97-6	Mercury	0.0101	B		CV
7440-02-0	Nickel	0.152	U		P
7440-09-7	Potassium	136			P
7782-49-2	Selenium	0.476	U		P
7440-22-4	Silver	0.152	U		P
7440-23-5	Sodium	139			P
7440-28-0	Thallium	0.314	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD139

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Lab Sample ID: 250746718

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.152	U		P
7440-66-6	Zinc	114			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1344

QC Summary

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DUPLICATES

EPA Sample No.

248061LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.291		0.302		3.7		CV

Comments:

130907 1344

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DUPLICATES

EPA Sample No.

248077LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4930		4890		0.8		P
Antimony	20	48.3		47.8		1.0		P
Arsenic	20	47.5		47		1.1		P
Barium	20	148		148		0.0		P
Beryllium	20	49.2		48.7		1.0		P
Cadmium	20	48.4		48.2		0.4		P
Calcium	20	4820		4790		0.6		P
Chromium	20	50		50		0.0		P
Cobalt	20	47.7		47.4		0.6		P
Copper	20	49.7		49.6		0.2		P
Iron	20	5030		5010		0.4		P
Lead	20	50.1		49.9		0.4		P
Magnesium	20	4920		4890		0.6		P
Manganese	20	49		48.8		0.4		P
Nickel	20	49.5		49.2		0.6		P
Potassium	20	4940		4900		0.8		P
Selenium	20	48.1		47.7		0.8		P
Silver	20	20.6		20.7		0.5		P
Sodium	20	4940		4910		0.6		P
Thallium	20	49.7		49.6		0.2		P
Vanadium	20	51		51		0.0		P
Zinc	20	49.7		49.5		0.4		P

Comments:

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LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 248061LCS

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.291		80	120	97.0

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248061LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.302		80	120	100.7

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248076LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4930		80 - 120	98.6
Antimony				50	48.3		80 - 120	96.6
Arsenic				50	47.5		80 - 120	95.0
Barium				150	148		80 - 120	98.7
Beryllium				50	49.2		80 - 120	98.4
Cadmium				50	48.4		80 - 120	96.8
Calcium				5000	4820		80 - 120	96.4
Chromium				50	50		80 - 120	100.0
Cobalt				50	47.7		80 - 120	95.4
Copper				50	49.7		80 - 120	99.4
Iron				5000	5030		80 - 120	100.6
Lead				50	50.1		80 - 120	100.2
Magnesium				5000	4920		80 - 120	98.4
Manganese				50	49		80 - 120	98.0
Nickel				50	49.5		80 - 120	99.0
Potassium				5000	4940		80 - 120	98.8
Selenium				50	48.1		80 - 120	96.2
Silver				20	20.6		80 - 120	103.0
Sodium				5000	4940		80 - 120	98.8
Thallium				50	49.7		80 - 120	99.4
Vanadium				50	51		80 - 120	102.0
Zinc				50	49.7		80 - 120	99.4

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248077LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507467

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	%R
Aluminum				5000	4890		80 - 120	97.8
Antimony				50	47.8		80 - 120	95.6
Arsenic				50	47		80 - 120	94.0
Barium				150	148		80 - 120	98.7
Beryllium				50	48.7		80 - 120	97.4
Cadmium				50	48.2		80 - 120	96.4
Calcium				5000	4790		80 - 120	95.8
Chromium				50	50		80 - 120	100.0
Cobalt				50	47.4		80 - 120	94.8
Copper				50	49.6		80 - 120	99.2
Iron				5000	5010		80 - 120	100.2
Lead				50	49.9		80 - 120	99.8
Magnesium				5000	4890		80 - 120	97.8
Manganese				50	48.8		80 - 120	97.6
Nickel				50	49.2		80 - 120	98.4
Potassium				5000	4900		80 - 120	98.0
Selenium				50	47.7		80 - 120	95.4
Silver				20	20.7		80 - 120	103.5
Sodium				5000	4910		80 - 120	98.2
Thallium				50	49.6		80 - 120	99.2
Vanadium				50	51		80 - 120	102.0
Zinc				50	49.5		80 - 120	99.0

130907 1344

Chain of Custody Documentation

130907 1344

Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507467 KC

Company: T N & Associates, Inc.	Project Name/Number: National Petroleum Partners / 2005148-1089
Address: 1220 Kennestone Circle, Marietta, GA	Project Manager: Lou Von Oldenburg
Phone: 678-355-5550 Fax: 678-355-5545	Purchase Order:
Print Names(s) / Affiliation: Lou Von Oldenburg	Preservatives (see codes)
Sampler(s) Signature(s):	Analyses Requested

Page 3 of 6

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:
REQUESTED DUE DATE
/ /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	8010	8260	8270	8082	Remarks	Lab. No.
19	NPPD146	08/15/07	0930		O	3	X	X	X	X	Water *	01
20	NPPD144*		1020								pH=12	02
21	NPPD156		1102									03
22	NPPD145		1018									04
23	NPPD155		1059									05
24	NPPD157		1105									06
25	NPPD158		1108									07
26	NPPD149		1025									08
27	NPPD134		1023									09
Shipment Method						27 ← Total Number of Containers						

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/17/07	1100			
Additional Comments: Tax ONLY				8/27/7	1700		8/28	1030
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
6 C 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507467

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Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507467 KC

Company: TN & Associates, Inc.
Address: 1220 Kennestone Circle, Marietta, GA
Phone: 678-355-5550 Fax: 678-355-5545
Print Names(s) / Affiliation: Lou Van Oldenburg
Sampler(s) Signature(s)

Project Name/Number: National Petroleum Packers / 2005148-1089
Project Manager: Lou Van Oldenburg
Purchase Order:

Page 4 of 6

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:
REQUESTED DUE DATE / /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested 6010	8260	8270	8082	Remarks	Lab. No.
28	NPPD150	8/25/07	1027		O	3		X	X	X	X	Waste	* 10
29	NPPD141	8/25/07	1007										11
30	NPPD8	8/25/07	0950										12
31	NPPD9	8/25/07	0955										13
32	NPPD27		1047										14
33	NPPD28		1050										15
34	NPPD143 *		1014									pH = 13	16
35	NPPD29		1053										17
36	NPPD139		1004										18
Shipment Method						27	← Total Number of Containers						

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/17/07	1100			
Additional Comments: Tabs Only				8/27/7	1700		8/28	1030
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
@ C 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507467

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FedEx Express **US Airbill**

FedEx Tracking Number **8630 3433 7890**

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337890

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept/Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2695-6 - 1069

3 To

Recipient's Name _____ Phone 813 247 3[illegible]

Company PSL Labs

Recipient's Address _____ Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4430 PINOSO POINT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33611

0366274374

8630 3433 7890

Recipient's Copy

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

[redacted]

Total Packages	Total Weight	Credit Card Auth.
1	62	

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

519

Rev. Date 10/06•Part #158279•©1994–2006 FedEx•PRINTED IN U.S.A.•SRF

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7857

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337857

Sender's Name TN & ASSOCIATES INC Phone 678 355--5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005142 - 1089

3 To

Recipient's Name _____ Phone 812 247 2000

Company PC LOCK

Recipient's Address _____

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 2740 PINEVILLA POINT DR

To request a package be held at a specific FedEx location, print FedEx address here.

City TERRE HAUTE State IN ZIP 47803

0366274374

8630 3433 7857

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 60 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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8

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7905

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337905

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference Zoglab 519

3 To

Recipient's Name _____ Phone 813 247-2505

Company PEL LABS

Recipient's Address 4420 PENDOLA POINT RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address _____

To request a package be held at a specific FedEx location, print FedEx address here.

City Tampa State FL ZIP 33619

0366274374

8630 3433 7905

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. *To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages	Total Weight		
1	36		Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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4

28

FedEx. US Airbill
Express

FedEx Tracking Number 8630 3433 7868

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date FedEx Tracking Number 863034337868

Sender's Name TN & ASSOCIATES INC Phone 678 [illegible] 9560

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005118-1089

3 To

Recipient's Name Phone 813 247 2805

Company PEL LABS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 4030 [illegible] POINTE

To request a package be held at a specific FedEx location, print FedEx address here.

City Tampa State FL ZIP 33614

0366274374

8630 3433 7868

0215 Recipient's Copy

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [x] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 1.0 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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6

28

FedEx® US Airbill
Express

FedEx Tracking Number 8630 3433 7880

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337880

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept/Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference Delivery #07

3 To

Recipient's Name _____ Phone 813 247-3005

Company PSL LABS

Recipient's Address _____ Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4450 DRANE POINT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7880

fedex.com 1.800.GoFedEx 1.800.463.3339

Recipient's Copy

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages 1 Total Weight 50 [redacted] Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7879

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date FedEx Tracking Number 863034337879

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2005/48 - 1087

3 To

Recipient's Name Phone 813 247 2805

Company PEL LABS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

4420 DEMOCRAT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

.0366274374

8630 3433 7879

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages 1 Total Weight 50 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

519

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507467	**Req:**	83921
Client:	TN&A	**Project:**	National Petroleum Packers (WASTE
Level:	2	**Date Rec'd:**	8/28/07 4:35:39 PM
Rec'd via:	Fed-Ex	**Due Date:**	09/07/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507467 **Profile Name:** Nat'l Petro. **Profile #:** 83921

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 18	7470	Mercury		BMD	082907	1020
01 - 18	7470	Mercury	N/A			
01 - 18	6010	Metals		BMD	082907	1020
01 - 18	6010	Metals	N/A			
01 - 18	8260	Volatile Organic Compounds		MSJ	8/29/07	12:00
01 - 18	8260	Volatile Organic Compounds	consuming			
01 - 18	8270	GCMS semivolatile		SL	9/6/07	15:10
01 - 18	8270	GCMS semivolatile	SL		9/6/07	20:15
01 - 18	8082	PCB		GG	9/5/07	7am
01 - 18	8082	PCB	GG		9/5/07	1pm

Additional:

Comments:

Addendum

130907 1344

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/28/07 4:35:39 PM

Date to be Reported: 9/18/07

Laboratory Submission Number/SDG: 2507467

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507467

Project: National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

None.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 2

Total of: 90 analyses on 18 samples (including QC) *30-Aug-07*

Report/SDG #: 2507467

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD146	250746701		O	8/25/07 9:30:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD144	250746702		O	8/25/07 10:20:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD156	250746703		O	8/25/07 11:02:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507467

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD145	250746704		O	8/25/07 10:18:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD155	250746705		O	8/25/07 10:59:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD157	250746706		O	8/25/07 11:05:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507467

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD158	250746707		O	8/25/07 11:08:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD149	250746708		O	8/25/07 10:25:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD134	250746709		O	8/25/07 10:23:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507467

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD150	250746710		O	8/25/07 10:27:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD141	250746711		O	8/25/07 10:07:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD8	250746712		O	8/25/07 9:50:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507467

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD9	250746713		O	8/25/07 9:55:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD27	250746714		O	8/25/07 10:47:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD28	250746715		O	8/25/07 10:50:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507467

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD143	250746716		O	8/25/07 10:14:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD29	250746717		O	8/25/07 10:53:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD139	250746718		O	8/25/07 10:04:00 AM	8/28/07 4:35:39 PM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

From: Darcy Weisman
Sent: Tuesday, September 11, 2007 8:58 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: 2507467 - 8270 TNA

Good morning.

-----Original Message-----
From: Brian Spann
Sent: Tuesday, September 11, 2007 7:24 AM
To: Project Managers
Subject: 2507467 - 8270 TNA

A. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD141 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 18.1 % with criteria of (19-122).

Sample NPPD145 was recovered above criteria for the following surrogate(s): Nitrobenzene-d5 at 122 % with criteria of (23-120).

Sample NPPD149 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 7.3 % with criteria of (19-122), 2-Fluorophenol at 16.3 % with criteria of (25-121).

Sample NPPD150 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 11.2 % with criteria of (19-122).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPPD134 NPPD143 NPPD144 NPPD145 NPPD149 NPPD155

B. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3423LCS was analyzed with the soil samples extracted on 09/06/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), and the following analyte(s) were recovered above criteria: 1,4-Dichlorobenzene at 108 % with criteria of (62-105), 2-Chloronaphthalene at 106 % with criteria of (72-105), 4-Chloroaniline at 97.2 % with criteria of (57-95), 4-Chlorophenyl-phenylether at 114 % with criteria of (65-110), Benzoic acid at 114 % with criteria of (10-106), Bis(2-Chloroethyl) ether at 110 % with criteria of (61-105), Dibenzofuran at 110 % with criteria of (75-105), Dimethyl-phthalate at 111 % with criteria of (69-110), Naphthalene at 110 % with criteria of (67-105), Phenol at 108 % with criteria of (46-100). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 106 % with criteria of (60-100), 1,3-Dichlorobenzene at 107 % with criteria of (61.5-105.5), 2-Methylnaphthalene at 114 % with criteria of (66.5-110.5), Benzyl alcohol at 0 % with criteria of (53.8-135.2), N-Nitrosodimethylamine at 134 % with criteria of (36.8-126.2).

Samples coded accordingly.

The recoveries are directly related to the final volume adjustment of 10 mL for the LCS to demonstrate recoveries that would be found in the samples.

This e-mail is intended for the named addressee(s) and may contain information that is confidential and proprietary. If this information is received by anyone other than the named addressee(s), the recipient(s) should immediately notify the sender by e-mail and promptly delete the transmitted material. In no event shall this material be read, used, stored, or retained by anyone other than the named addressee(s) without the express written consent of the sender or the named addressee(s).

Darcy Weisman

From: Darcy Weisman
Sent: Wednesday, September 12, 2007 2:18 PM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: TNA 2507467 8260 waste
Importance: High

Good afternoon.

-----Original Message-----
From: Lisa Pelo
Sent: Friday, September 07, 2007 12:41 PM
To: Project Managers
Subject: TNA 2507467 8260 waste
Importance: High

Please notify the project chemist of the following:

Samples NPPD146 and NPPD144 were only analyzed and will be reported at a 1:500 dilution based on screening results due to high concentrations of Acetone.

Samples NPPD141,NPPD28 and NPPD143 will only be reported at a 1:100 dilution due to foaming upon the purging process.

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/28/2007 10:30:00 AM
Date Reported:	9/18/2007
Laboratory Submission Number/SDG:	2507468
Project:	National Petroleum Packers

Samples: The submission consisted of 17 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

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EXECUTIVE SUMMARY - Detection Highlights

2507468

SAMPLE ID: NPPD10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	1.85 B	4.95	MG/KG	SW6010B
1,2,4-Trimethylbenzene	7860	671	UG/KG	SW8260B
1,3,5-Trimethylbenzene	844	671	UG/KG	SW8260B
4-Isopropyltoluene	2840	671	UG/KG	SW8260B
Ethylbenzene	8440	671	UG/KG	SW8260B
Isopropylbenzene (Cum	10900	671	UG/KG	SW8260B
Naphthalene	11800	671	UG/KG	SW8260B
n-Butylbenzene	19600	671	UG/KG	SW8260B
n-Propylbenzene	13600	671	UG/KG	SW8260B
o-Xylene	4300	671	UG/KG	SW8260B
p,m-Xylene	2020	1340	UG/KG	SW8260B
sec-Butylbenzene	9780	671	UG/KG	SW8260B
Toluene	1340	671	UG/KG	SW8260B
1-Methylnaphthalene	122000 J	396000	UG/KG	SW8270C
2-Methylnaphthalene	60500 J	396000	UG/KG	SW8270C

SAMPLE ID: NPPD10RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1-Methylnaphthalene	128000 J	400000	UG/KG	SW8270C
2-Methylnaphthalene	63600 J	400000	UG/KG	SW8270C

SAMPLE ID: NPPD11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.86 B	9.04	MG/KG	SW6010B
Antimony	43.8	0.904	MG/KG	SW6010B
Arsenic	0.628 B	0.904	MG/KG	SW6010B
Barium	0.299 B	0.452	MG/KG	SW6010B
Cadmium	0.0695 B	0.452	MG/KG	SW6010B
Calcium	51.4	9.04	MG/KG	SW6010B
Cobalt	0.249 B	0.452	MG/KG	SW6010B
Copper	1.44	0.452	MG/KG	SW6010B
Iron	31.6	4.52	MG/KG	SW6010B
Magnesium	7.93 B	9.04	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507468

Manganese	0.683	0.452	MG/KG	SW6010B
Nickel	0.195 B	0.452	MG/KG	SW6010B
Potassium	1840	45.2	MG/KG	SW6010B
Selenium	1.31	0.904	MG/KG	SW6010B
Sodium	3550	27.1	MG/KG	SW6010B
Vanadium	0.242 B	0.452	MG/KG	SW6010B
Zinc	15.2	0.904	MG/KG	SW6010B
Acetone	104000	7350	UG/KG	SW8260B
Benzene	619 J	1470	UG/KG	SW8260B
Ethylbenzene	599 J	1470	UG/KG	SW8260B
MTBE	1230 J	1470	UG/KG	SW8260B
Naphthalene	8950	1470	UG/KG	SW8260B
o-Xylene	1240 J	1470	UG/KG	SW8260B
p,m-Xylene	1900 J	2940	UG/KG	SW8260B
Toluene	21600	1470	UG/KG	SW8260B
Phenol	135000 J	1960000	UG/KG	SW8270C

SAMPLE ID: NPPD11DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1,2-Dichloroethane	121000	7350	UG/KG	SW8260B

SAMPLE ID: NPPD11RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Phenol	140000 J	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	4.06 B	9.75	MG/KG	SW6010B
Antimony	10.8	0.975	MG/KG	SW6010B
Cadmium	0.0508 B	0.487	MG/KG	SW6010B
Copper	0.939	0.487	MG/KG	SW6010B
Iron	6.16	4.87	MG/KG	SW6010B
Lead	1.79	0.663	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507468

Manganese	0.158 B	0.487	MG/KG	SW6010B
Potassium	5350	48.7	MG/KG	SW6010B
Selenium	1.07	0.975	MG/KG	SW6010B
Sodium	2200	29.2	MG/KG	SW6010B
Vanadium	0.458 B	0.487	MG/KG	SW6010B
Zinc	2.19	0.975	MG/KG	SW6010B
Mercury	0.0221	0.0198	MG/KG	SW7470A
1,1,1-Trichloroethane	2030	699	UG/KG	SW8260B
1,2,4-Trimethylbenzene	8590	699	UG/KG	SW8260B
1,2-Dichlorobenzene	456 J	699	UG/KG	SW8260B
1,3,5-Trimethylbenzene	3190	699	UG/KG	SW8260B
2-Butanone	7360	3500	UG/KG	SW8260B
2-Hexanone	4660	1400	UG/KG	SW8260B
4-Isopropyltoluene	389 J	699	UG/KG	SW8260B
4-Methyl-2-pentanone	13500	1400	UG/KG	SW8260B
Acetone	5230	3500	UG/KG	SW8260B
Benzene	3210	699	UG/KG	SW8260B
Ethylbenzene	10900	699	UG/KG	SW8260B
Isopropylbenzene (Cum	1120	699	UG/KG	SW8260B
Methylene chloride	1520 J	1750	UG/KG	SW8260B
Naphthalene	11300	699	UG/KG	SW8260B
n-Butylbenzene	1050	699	UG/KG	SW8260B
n-Propylbenzene	1180	699	UG/KG	SW8260B
o-Xylene	12600	699	UG/KG	SW8260B
p,m-Xylene	36500	1400	UG/KG	SW8260B
sec-Butylbenzene	410 J	699	UG/KG	SW8260B
Tetrachloroethene	2130	1750	UG/KG	SW8260B
Trichloroethene	382 J	699	UG/KG	SW8260B

SAMPLE ID: NPPD12DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Toluene	3760000	140000	UG/KG	SW8260B

SAMPLE ID: NPPD13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Copper	0.288 B	0.489	MG/KG	SW6010B
Iron	2.46 B	4.89	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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1,2,4-Trimethylbenzene	32800	1020	UG/KG	SW8260B
1,3,5-Trimethylbenzene	3160	1020	UG/KG	SW8260B
4-Isopropyltoluene	13300	1020	UG/KG	SW8260B
4-Methyl-2-pentanone	1510 J	2040	UG/KG	SW8260B
Ethylbenzene	32600	1020	UG/KG	SW8260B
o-Xylene	16400	1020	UG/KG	SW8260B
p,m-Xylene	7320	2040	UG/KG	SW8260B
Toluene	4380	1020	UG/KG	SW8260B
1-Methylnaphthalene	338000 J	400000	UG/KG	SW8270C
2-Methylnaphthalene	174000 J	400000	UG/KG	SW8270C
Naphthalene	172000 J	400000	UG/KG	SW8270C
Phenanthrene	104000 J	400000	UG/KG	SW8270C
Pyrene	63100 J	400000	UG/KG	SW8270C

SAMPLE ID: NPPD13DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Isopropylbenzene (Cum	44800	10200	UG/KG	SW8260B
Naphthalene	108000	10200	UG/KG	SW8260B
n-Butylbenzene	84200	10200	UG/KG	SW8260B
n-Propylbenzene	55700	10200	UG/KG	SW8260B
sec-Butylbenzene	40800	10200	UG/KG	SW8260B

SAMPLE ID: NPPD13RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1-Methylnaphthalene	276000 J	400000	UG/KG	SW8270C
2-Methylnaphthalene	152000 J	400000	UG/KG	SW8270C
Naphthalene	137000 J	400000	UG/KG	SW8270C
Phenanthrene	79400 J	400000	UG/KG	SW8270C
Pyrene	63000 J	400000	UG/KG	SW8270C

SAMPLE ID: NPPD14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	45.1	4.98	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Manganese	0.362 B	0.498	MG/KG	SW6010B
Potassium	7.7 B	49.8	MG/KG	SW6010B
Sodium	13 B	29.9	MG/KG	SW6010B

SAMPLE ID: NPPD15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	3.87 B	4.95	MG/KG	SW6010B
Manganese	0.187 B	0.495	MG/KG	SW6010B
Zinc	63.2	0.99	MG/KG	SW6010B
n-Butylbenzene	814 J	1540	UG/KG	SW8260B
n-Propylbenzene	460 J	1540	UG/KG	SW8260B
o-Xylene	712 J	1540	UG/KG	SW8260B

SAMPLE ID: NPPD16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	1.15 B	4.79	MG/KG	SW6010B
Manganese	0.168 B	0.479	MG/KG	SW6010B
Potassium	6.34 B	47.9	MG/KG	SW6010B
Thallium	0.37 B	0.958	MG/KG	SW6010B
Zinc	83.6	0.958	MG/KG	SW6010B
1,2,4-Trimethylbenzene	1040 J	1410	UG/KG	SW8260B
Ethylbenzene	1580	1410	UG/KG	SW8260B
Naphthalene	607 J	1410	UG/KG	SW8260B
n-Butylbenzene	463 J	1410	UG/KG	SW8260B
n-Propylbenzene	394 J	1410	UG/KG	SW8260B
o-Xylene	1730	1410	UG/KG	SW8260B
p,m-Xylene	6070	2820	UG/KG	SW8260B
Toluene	1240 J	1410	UG/KG	SW8260B

SAMPLE ID: NPPD160

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Potassium	9.74 B	48	MG/KG	SW6010B
Sodium	9300	28.8	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507468

Zinc	0.488 B	0.96	MG/KG	SW6010B
tert-Butylbenzene	171 J	694	UG/KG	SW8260B

SAMPLE ID: NPPD162

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Potassium	29.9 B	40.9	MG/KG	SW6010B
Selenium	1.49	0.818	MG/KG	SW6010B
Sodium	9.18 B	24.5	MG/KG	SW6010B

SAMPLE ID: NPPD164

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	49.9	0.984	MG/KG	SW6010B
Arsenic	3.6	0.984	MG/KG	SW6010B
Cadmium	0.0702 B	0.492	MG/KG	SW6010B
Calcium	23.1	9.84	MG/KG	SW6010B
Copper	0.217 B	0.492	MG/KG	SW6010B
Iron	4.63 B	4.92	MG/KG	SW6010B
Manganese	0.188 B	0.492	MG/KG	SW6010B
Potassium	5780	49.2	MG/KG	SW6010B
Selenium	1.34	0.984	MG/KG	SW6010B
2-Butanone	8760	4420	UG/KG	SW8260B
Acetone	2870 J	4420	UG/KG	SW8260B
p,m-Xylene	1600 J	1770	UG/KG	SW8260B
Phenol	260000 J	1760000	UG/KG	SW8270C

SAMPLE ID: NPPD164DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	33600	148	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507468

SAMPLE ID: NPPD164RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Phenol	275000 J	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD165

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	52.8	0.976	MG/KG	SW6010B
Arsenic	4.83	0.976	MG/KG	SW6010B
Cadmium	0.0869 B	0.488	MG/KG	SW6010B
Calcium	33.1	9.76	MG/KG	SW6010B
Copper	0.175 B	0.488	MG/KG	SW6010B
Iron	5.16	4.88	MG/KG	SW6010B
Manganese	0.336 B	0.488	MG/KG	SW6010B
Potassium	6440	48.8	MG/KG	SW6010B
Selenium	1.33	0.976	MG/KG	SW6010B
Zinc	0.49 B	0.976	MG/KG	SW6010B
Naphthalene	295 J	877	UG/KG	SW8260B
p,m-Xylene	646 J	1750	UG/KG	SW8260B
Phenol	217000 J	1940000	UG/KG	SW8270C

SAMPLE ID: NPPD165DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	36300	146	MG/KG	SW6010B

SAMPLE ID: NPPD165RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Phenol	67300 J	2000000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

2507468

SAMPLE ID: NPPD173

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	102	0.952	MG/KG	SW6010B
Arsenic	9.03	0.952	MG/KG	SW6010B
Cadmium	0.113 B	0.476	MG/KG	SW6010B
Calcium	16.3	9.52	MG/KG	SW6010B
Copper	0.17 B	0.476	MG/KG	SW6010B
Iron	2.43 B	4.76	MG/KG	SW6010B
Potassium	4070	47.6	MG/KG	SW6010B
Selenium	0.685 B	0.952	MG/KG	SW6010B
p,m-Xylene	4010	2020	UG/KG	SW8260B
Phenol	410000 J	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD173DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	55200	143	MG/KG	SW6010B

SAMPLE ID: NPPD173RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Phenol	368000 J	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Barium	1.48	0.494	MG/KG	SW6010B
Cadmium	0.0522 B	0.494	MG/KG	SW6010B
Calcium	160	9.88	MG/KG	SW6010B
Chromium	0.418 B	0.494	MG/KG	SW6010B
Copper	19.6	0.494	MG/KG	SW6010B
Iron	1420	4.94	MG/KG	SW6010B
Lead	1.32	0.672	MG/KG	SW6010B
Magnesium	16	9.88	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507468

Manganese	5.36	0.494	MG/KG	SW6010B
Nickel	0.421 B	0.494	MG/KG	SW6010B
Potassium	135	49.4	MG/KG	SW6010B
Sodium	558	29.6	MG/KG	SW6010B
Zinc	88.1	0.988	MG/KG	SW6010B
Acetone	8090	4060	UG/KG	SW8260B
Ethylbenzene	2660	813	UG/KG	SW8260B
Isopropylbenzene (Cum	636 J	813	UG/KG	SW8260B
n-Propylbenzene	511 J	813	UG/KG	SW8260B
o-Xylene	4280	813	UG/KG	SW8260B
p,m-Xylene	10100	1630	UG/KG	SW8260B
Toluene	3690	813	UG/KG	SW8260B

SAMPLE ID: NPPD191

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	4.42	0.858	MG/KG	SW6010B
Barium	0.372 B	0.429	MG/KG	SW6010B
Cadmium	0.058 B	0.429	MG/KG	SW6010B
Calcium	22.2	8.58	MG/KG	SW6010B
Copper	1.65	0.429	MG/KG	SW6010B
Iron	46.4	4.29	MG/KG	SW6010B
Magnesium	6.24 B	8.58	MG/KG	SW6010B
Manganese	0.738	0.429	MG/KG	SW6010B
Nickel	0.155 B	0.429	MG/KG	SW6010B
Potassium	1400	42.9	MG/KG	SW6010B
Selenium	1.94	0.858	MG/KG	SW6010B
Sodium	2380	25.7	MG/KG	SW6010B
Zinc	1.59	0.858	MG/KG	SW6010B
Mercury	0.0064 B	0.02	MG/KG	SW7470A
1,2,4-Trimethylbenzene	790	571	UG/KG	SW8260B
1,3,5-Trimethylbenzene	195 J	571	UG/KG	SW8260B
4-Methyl-2-pentanone	775 J	1140	UG/KG	SW8260B
Benzene	1970	571	UG/KG	SW8260B
Ethylbenzene	274 J	571	UG/KG	SW8260B
Naphthalene	715	571	UG/KG	SW8260B
n-Butylbenzene	201 J	571	UG/KG	SW8260B
n-Propylbenzene	118 J	571	UG/KG	SW8260B
o-Xylene	583	571	UG/KG	SW8260B
p,m-Xylene	891 J	1140	UG/KG	SW8260B
Toluene	4320	571	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507468

4-Methylphenol	77600 J	367000	UG/KG	SW8270C
Phenol	635000 J	1840000	UG/KG	SW8270C

SAMPLE ID: NPPD191RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4-Methylphenol	90800 J	400000	UG/KG	SW8270C
Phenol	713000 J	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD21

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.78 B	0.98	MG/KG	SW6010B
Iron	8.2	4.9	MG/KG	SW6010B
Potassium	2890	49	MG/KG	SW6010B
Selenium	1.29	0.98	MG/KG	SW6010B
Sodium	2430	29.4	MG/KG	SW6010B
Zinc	0.614 B	0.98	MG/KG	SW6010B
Acetone	8110	3880	UG/KG	SW8260B
Benzene	1180	775	UG/KG	SW8260B
Naphthalene	419 J	775	UG/KG	SW8260B
n-Butylbenzene	175 J	775	UG/KG	SW8260B
p,m-Xylene	33400	1550	UG/KG	SW8260B
Toluene	1990	775	UG/KG	SW8260B
Phenol	813000 J	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD21RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Phenol	832000 J	2000000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

2507468

SAMPLE ID: NPPD35

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	34.1	9.56	MG/KG	SW6010B
Copper	12.1	0.478	MG/KG	SW6010B
Iron	21.1	4.78	MG/KG	SW6010B
Lead	4.19	0.65	MG/KG	SW6010B
Manganese	0.269 B	0.478	MG/KG	SW6010B
Nickel	0.154 B	0.478	MG/KG	SW6010B
Potassium	6.76 B	47.8	MG/KG	SW6010B
Sodium	26.8 B	28.7	MG/KG	SW6010B
Zinc	6.5	0.956	MG/KG	SW6010B
Phenol	471000 J	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD35RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Phenol	471000 J	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD36

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	6.44 B	9.65	MG/KG	SW6010B
Chromium	0.323 B	0.483	MG/KG	SW6010B
Copper	0.948	0.483	MG/KG	SW6010B
Iron	220	4.83	MG/KG	SW6010B
Lead	0.584 B	0.656	MG/KG	SW6010B
Manganese	0.858	0.483	MG/KG	SW6010B
Selenium	1.24	0.965	MG/KG	SW6010B
Zinc	2.05	0.965	MG/KG	SW6010B
Phenol	5590000	2000000	UG/KG	SW8270C

SAMPLE ID: NPPD36RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD

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EXECUTIVE SUMMARY - Detection Highlights

2507468

Phenol	5680000	2000000	UG/KG	SW8270C

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample NPPD12DL1 was recovered below criteria for the following surrogate(s): 1,2-Dichloroethane-d4 at 0 % with criteria of (71-124), 4-Bromofluorobenzene at 0 % with criteria of (54-126), Dibromofluoromethane at 0 % with criteria of (68-119), Toluene d8 at 0 % with criteria of (59-127). The surrogates were diluted out due to the high dilution required. No further action was taken, since the more concentrated analysis met all criteria.

Sample NPPD160 was recovered below criteria for Dibromofluoromethane at 14.2 % with criteria of (68-119). No further action was taken, since the three other surrogates met acceptance criteria for these samples. It appears that there is a matrix effect that decreases the response of DBFM, which has been noted in previous SDGs from this project.

Samples coded accordingly.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

Sample NPPD11 required a 1:100 and a 1:500 dilution due to a high concentration of 1,2-Dichloroethane based on the screening process. These are the only dilutions analyzed and reported.

Sample NPPD12 required an additional 1:10000 dilution due to a high concentration of Toluene. Both diluted runs are reported.

Sample NPPD13 required an additional 1:500 dilution due to high concentrations of the following analyte(s): Isopropylbenzene (Cumene), Naphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene. Both diluted runs are reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/07/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Method: 8260

EPA Sample No	Lab Sample ID
NPPD165	250746801
NPPD13	250746802
NPPD13DL1	250746802DL1
NPPD14	250746803
NPPD15	250746804
NPPD16	250746805
NPPD162	250746806
NPPD164	250746807
NPPD173	250746808
NPPD160	250746809
NPPD12	250746810
NPPD12DL1	250746810DL1
NPPD11	250746811
NPPD11DL1	250746811DL1
NPPD35	250746812
NPPD36	250746813
NPPD10	250746814
NPPD21	250746815
NPPD18	250746816
NPPD191	250746817

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD165

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801 Lab File ID: 46801M.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1712

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	877	U
74-87-3	Chloromethane	877	U
75-01-4	Vinyl chloride	877	U
74-83-9	Bromomethane	877	U
75-00-3	Chloroethane	2190	U
75-69-4	Trichlorofluoromethane	877	U
75-35-4	1,1-Dichloroethene	877	U
107-02-8	Acrolein	11000	U
74-88-4	Methyl iodide	877	U
75-15-0	Carbon disulfide	877	U
75-09-2	Methylene chloride	2190	U
156-60-5	trans-1,2-Dichloroethene	877	U
107-13-1	Acrylonitrile	2190	U
75-34-3	1,1-Dichloroethane	877	U
67-64-1	Acetone	4380	U
594-20-7	2,2-Dichloropropane	877	U
156-59-2	cis-1,2-Dichloroethene	877	U
74-97-5	Bromochloromethane	877	U
78-93-3	2-Butanone	4380	U
67-66-3	Chloroform	877	U
71-55-6	1,1,1-Trichloroethane	877	U
56-23-5	Carbon tetrachloride	877	U
563-58-6	1,1-Dichloropropene	877	U
71-43-2	Benzene	877	U
107-06-2	1,2-Dichloroethane	877	U
79-01-6	Trichloroethene	877	U
108-05-4	Vinyl acetate	1750	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD165

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801 Lab File ID: 46801M.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1712

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	877	U
74-95-3	Dibromomethane	877	U
75-27-4	Bromodichloromethane	877	U
10061-01-5	cis-1,3-Dichloropropene	877	U
108-10-1	4-Methyl-2-pentanone	1750	U
108-88-3	Toluene	877	U
10061-02-6	trans-1,3-Dichloropropene	877	U
79-00-5	1,1,2-Trichloroethane	877	U
127-18-4	Tetrachloroethene	2190	U
142-28-9	1,3-Dichloropropane	877	U
591-78-6	2-Hexanone	1750	U
124-48-1	Dibromochloromethane	877	U
106-93-4	1,2-Dibromoethane(EDB)	877	U
108-90-7	Chlorobenzene	877	U
630-20-6	1,1,1,2-Tetrachloroethane	877	U
100-41-4	Ethylbenzene	877	U
511-39-00	p,m-Xylene	646	J
95-47-6	o-Xylene	877	U
100-42-5	Styrene	877	U
75-25-2	Bromoform	2190	U
98-82-8	Isopropylbenzene (Cumene)	877	U
108-86-1	Bromobenzene	877	U
79-34-5	1,1,2,2-Tetrachloroethane	877	U
96-18-4	1,2,3-Trichloropropane	877	U
103-65-1	n-Propylbenzene	877	U
95-49-8	2-Chlorotoluene	877	U
106-43-4	4-Chlorotoluene	877	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD165

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801 Lab File ID: 46801M.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1712

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	877	U
98-06-6	tert-Butylbenzene	877	U
95-63-6	1,2,4-Trimethylbenzene	877	U
135-98-8	sec-Butylbenzene	877	U
541-73-1	1,3-Dichlorobenzene	877	U
106-46-7	1,4-Dichlorobenzene	877	U
99-87-6	4-Isopropyltoluene	877	U
104-51-8	n-Butylbenzene	877	U
95-50-1	1,2-Dichlorobenzene	877	U
96-12-8	1,2-Dibromo-3-chloropropane	4380	U
120-82-1	1,2,4-Trichlorobenzene	877	U
87-68-3	Hexachlorobutadiene	1320	U
91-20-3	Naphthalene	295	J
87-61-6	1,2,3-Trichlorobenzene	877	U
1634-04-4	MTBE	877	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802 Lab File ID: 46802M.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1736

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1020	U
74-87-3	Chloromethane	1020	U
75-01-4	Vinyl chloride	1020	U
74-83-9	Bromomethane	1020	U
75-00-3	Chloroethane	2550	U
75-69-4	Trichlorofluoromethane	1020	U
75-35-4	1,1-Dichloroethene	1020	U
107-02-8	Acrolein	12800	U
74-88-4	Methyl iodide	1020	U
75-15-0	Carbon disulfide	1020	U
75-09-2	Methylene chloride	2550	U
156-60-5	trans-1,2-Dichloroethene	1020	U
107-13-1	Acrylonitrile	2550	U
75-34-3	1,1-Dichloroethane	1020	U
67-64-1	Acetone	5100	U
594-20-7	2,2-Dichloropropane	1020	U
156-59-2	cis-1,2-Dichloroethene	1020	U
74-97-5	Bromochloromethane	1020	U
78-93-3	2-Butanone	5100	U
67-66-3	Chloroform	1020	U
71-55-6	1,1,1-Trichloroethane	1020	U
56-23-5	Carbon tetrachloride	1020	U
563-58-6	1,1-Dichloropropene	1020	U
71-43-2	Benzene	1020	U
107-06-2	1,2-Dichloroethane	1020	U
79-01-6	Trichloroethene	1020	U
108-05-4	Vinyl acetate	2040	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802 Lab File ID: 46802M.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1736

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1020	U
74-95-3	Dibromomethane	1020	U
75-27-4	Bromodichloromethane	1020	U
10061-01-5	cis-1,3-Dichloropropene	1020	U
108-10-1	4-Methyl-2-pentanone	1510	J
108-88-3	Toluene	4380	
10061-02-6	trans-1,3-Dichloropropene	1020	U
79-00-5	1,1,2-Trichloroethane	1020	U
127-18-4	Tetrachloroethene	2550	U
142-28-9	1,3-Dichloropropane	1020	U
591-78-6	2-Hexanone	2040	U
124-48-1	Dibromochloromethane	1020	U
106-93-4	1,2-Dibromoethane(EDB)	1020	U
108-90-7	Chlorobenzene	1020	U
630-20-6	1,1,1,2-Tetrachloroethane	1020	U
100-41-4	Ethylbenzene	32600	
511-39-00	p,m-Xylene	7320	
95-47-6	o-Xylene	16400	
100-42-5	Styrene	1020	U
75-25-2	Bromoform	2550	U
98-82-8	Isopropylbenzene (Cumene)	44900	E
108-86-1	Bromobenzene	1020	U
79-34-5	1,1,2,2-Tetrachloroethane	1020	U
96-18-4	1,2,3-Trichloropropane	1020	U
103-65-1	n-Propylbenzene	59000	E
95-49-8	2-Chlorotoluene	1020	U
106-43-4	4-Chlorotoluene	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802 Lab File ID: 46802M.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1736

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	3160	
98-06-6	tert-Butylbenzene	1020	U
95-63-6	1,2,4-Trimethylbenzene	32800	
135-98-8	sec-Butylbenzene	45900	E
541-73-1	1,3-Dichlorobenzene	1020	U
106-46-7	1,4-Dichlorobenzene	1020	U
99-87-6	4-Isopropyltoluene	13300	
104-51-8	n-Butylbenzene	99500	E
95-50-1	1,2-Dichlorobenzene	1020	U
96-12-8	1,2-Dibromo-3-chloropropane	5100	U
120-82-1	1,2,4-Trichlorobenzene	1020	U
87-68-3	Hexachlorobutadiene	1530	U
91-20-3	Naphthalene	102000	E
87-61-6	1,2,3-Trichlorobenzene	1020	U
1634-04-4	MTBE	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD13DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802DL1 Lab File ID: 46802MD.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1412

PercentSolids: 100 decanted : Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	10200	U
74-87-3	Chloromethane	10200	U
75-01-4	Vinyl chloride	10200	U
74-83-9	Bromomethane	10200	U
75-00-3	Chloroethane	25500	U
75-69-4	Trichlorofluoromethane	10200	U
75-35-4	1,1-Dichloroethene	10200	U
107-02-8	Acrolein	128000	U
74-88-4	Methyl iodide	10200	U
75-15-0	Carbon disulfide	10200	U
75-09-2	Methylene chloride	25500	U
156-60-5	trans-1,2-Dichloroethene	10200	U
107-13-1	Acrylonitrile	25500	U
75-34-3	1,1-Dichloroethane	10200	U
67-64-1	Acetone	51000	U
594-20-7	2,2-Dichloropropane	10200	U
156-59-2	cis-1,2-Dichloroethene	10200	U
74-97-5	Bromochloromethane	10200	U
78-93-3	2-Butanone	51000	U
67-66-3	Chloroform	10200	U
71-55-6	1,1,1-Trichloroethane	10200	U
56-23-5	Carbon tetrachloride	10200	U
563-58-6	1,1-Dichloropropene	10200	U
71-43-2	Benzene	10200	U
107-06-2	1,2-Dichloroethane	10200	U
79-01-6	Trichloroethene	10200	U
108-05-4	Vinyl acetate	20400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD13DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802DL1 Lab File ID: 46802MD.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1412

PercentSolids: 100 decanted : Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	10200	U
74-95-3	Dibromomethane	10200	U
75-27-4	Bromodichloromethane	10200	U
10061-01-5	cis-1,3-Dichloropropene	10200	U
108-10-1	4-Methyl-2-pentanone	20400	U
108-88-3	Toluene	4650	J
10061-02-6	trans-1,3-Dichloropropene	10200	U
79-00-5	1,1,2-Trichloroethane	10200	U
127-18-4	Tetrachloroethene	25500	U
142-28-9	1,3-Dichloropropane	10200	U
591-78-6	2-Hexanone	20400	U
124-48-1	Dibromochloromethane	10200	U
106-93-4	1,2-Dibromoethane(EDB)	10200	U
108-90-7	Chlorobenzene	10200	U
630-20-6	1,1,1,2-Tetrachloroethane	10200	U
100-41-4	Ethylbenzene	34300	
511-39-00	p,m-Xylene	7310	J
95-47-6	o-Xylene	16300	
100-42-5	Styrene	10200	U
75-25-2	Bromoform	25500	U
98-82-8	Isopropylbenzene (Cumene)	44800	
108-86-1	Bromobenzene	10200	U
79-34-5	1,1,2,2-Tetrachloroethane	10200	U
96-18-4	1,2,3-Trichloropropane	10200	U
103-65-1	n-Propylbenzene	55700	
95-49-8	2-Chlorotoluene	10200	U
106-43-4	4-Chlorotoluene	10200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD13DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802DL1 Lab File ID: 46802MD.D

Sample wt/vol: 0.98 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1412

PercentSolids: 100 decanted : Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	10200	U
98-06-6	tert-Butylbenzene	10200	U
95-63-6	1,2,4-Trimethylbenzene	32900	
135-98-8	sec-Butylbenzene	40800	
541-73-1	1,3-Dichlorobenzene	10200	U
106-46-7	1,4-Dichlorobenzene	10200	U
99-87-6	4-Isopropyltoluene	11700	
104-51-8	n-Butylbenzene	84200	
95-50-1	1,2-Dichlorobenzene	10200	U
96-12-8	1,2-Dibromo-3-chloropropane	51000	U
120-82-1	1,2,4-Trichlorobenzene	10200	U
87-68-3	Hexachlorobutadiene	15300	U
91-20-3	Naphthalene	108000	
87-61-6	1,2,3-Trichlorobenzene	10200	U
1634-04-4	MTBE	10200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803 Lab File ID: 46803M.D

Sample wt/vol: 1.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1649

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	645	U
74-87-3	Chloromethane	645	U
75-01-4	Vinyl chloride	645	U
74-83-9	Bromomethane	645	U
75-00-3	Chloroethane	1610	U
75-69-4	Trichlorofluoromethane	645	U
75-35-4	1,1-Dichloroethene	645	U
107-02-8	Acrolein	8060	U
74-88-4	Methyl iodide	645	U
75-15-0	Carbon disulfide	645	U
75-09-2	Methylene chloride	1610	U
156-60-5	trans-1,2-Dichloroethene	645	U
107-13-1	Acrylonitrile	1610	U
75-34-3	1,1-Dichloroethane	645	U
67-64-1	Acetone	3220	U
594-20-7	2,2-Dichloropropane	645	U
156-59-2	cis-1,2-Dichloroethene	645	U
74-97-5	Bromochloromethane	645	U
78-93-3	2-Butanone	3220	U
67-66-3	Chloroform	645	U
71-55-6	1,1,1-Trichloroethane	645	U
56-23-5	Carbon tetrachloride	645	U
563-58-6	1,1-Dichloropropene	645	U
71-43-2	Benzene	645	U
107-06-2	1,2-Dichloroethane	645	U
79-01-6	Trichloroethene	645	U
108-05-4	Vinyl acetate	1290	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803 Lab File ID: 46803M.D

Sample wt/vol: 1.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1649

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	645	U
74-95-3	Dibromomethane	645	U
75-27-4	Bromodichloromethane	645	U
10061-01-5	cis-1,3-Dichloropropene	645	U
108-10-1	4-Methyl-2-pentanone	1290	U
108-88-3	Toluene	645	U
10061-02-6	trans-1,3-Dichloropropene	645	U
79-00-5	1,1,2-Trichloroethane	645	U
127-18-4	Tetrachloroethene	1610	U
142-28-9	1,3-Dichloropropane	645	U
591-78-6	2-Hexanone	1290	U
124-48-1	Dibromochloromethane	645	U
106-93-4	1,2-Dibromoethane(EDB)	645	U
108-90-7	Chlorobenzene	645	U
630-20-6	1,1,1,2-Tetrachloroethane	645	U
100-41-4	Ethylbenzene	645	U
511-39-00	p,m-Xylene	1290	U
95-47-6	o-Xylene	645	U
100-42-5	Styrene	645	U
75-25-2	Bromoform	1610	U
98-82-8	Isopropylbenzene (Cumene)	645	U
108-86-1	Bromobenzene	645	U
79-34-5	1,1,2,2-Tetrachloroethane	645	U
96-18-4	1,2,3-Trichloropropane	645	U
103-65-1	n-Propylbenzene	645	U
95-49-8	2-Chlorotoluene	645	U
106-43-4	4-Chlorotoluene	645	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803 Lab File ID: 46803M.D

Sample wt/vol: 1.55 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1649

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	645	U
98-06-6	tert-Butylbenzene	645	U
95-63-6	1,2,4-Trimethylbenzene	645	U
135-98-8	sec-Butylbenzene	645	U
541-73-1	1,3-Dichlorobenzene	645	U
106-46-7	1,4-Dichlorobenzene	645	U
99-87-6	4-Isopropyltoluene	645	U
104-51-8	n-Butylbenzene	645	U
95-50-1	1,2-Dichlorobenzene	645	U
96-12-8	1,2-Dibromo-3-chloropropane	3220	U
120-82-1	1,2,4-Trichlorobenzene	645	U
87-68-3	Hexachlorobutadiene	968	U
91-20-3	Naphthalene	645	U
87-61-6	1,2,3-Trichlorobenzene	645	U
1634-04-4	MTBE	645	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804 Lab File ID: 46804M.D

Sample wt/vol: 0.65 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1759

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1540	U
74-87-3	Chloromethane	1540	U
75-01-4	Vinyl chloride	1540	U
74-83-9	Bromomethane	1540	U
75-00-3	Chloroethane	3850	U
75-69-4	Trichlorofluoromethane	1540	U
75-35-4	1,1-Dichloroethene	1540	U
107-02-8	Acrolein	19200	U
74-88-4	Methyl iodide	1540	U
75-15-0	Carbon disulfide	1540	U
75-09-2	Methylene chloride	3850	U
156-60-5	trans-1,2-Dichloroethene	1540	U
107-13-1	Acrylonitrile	3850	U
75-34-3	1,1-Dichloroethane	1540	U
67-64-1	Acetone	7690	U
594-20-7	2,2-Dichloropropane	1540	U
156-59-2	cis-1,2-Dichloroethene	1540	U
74-97-5	Bromochloromethane	1540	U
78-93-3	2-Butanone	7690	U
67-66-3	Chloroform	1540	U
71-55-6	1,1,1-Trichloroethane	1540	U
56-23-5	Carbon tetrachloride	1540	U
563-58-6	1,1-Dichloropropene	1540	U
71-43-2	Benzene	1540	U
107-06-2	1,2-Dichloroethane	1540	U
79-01-6	Trichloroethene	1540	U
108-05-4	Vinyl acetate	3080	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804 Lab File ID: 46804M.D

Sample wt/vol: 0.65 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1759

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1540	U
74-95-3	Dibromomethane	1540	U
75-27-4	Bromodichloromethane	1540	U
10061-01-5	cis-1,3-Dichloropropene	1540	U
108-10-1	4-Methyl-2-pentanone	3080	U
108-88-3	Toluene	1540	U
10061-02-6	trans-1,3-Dichloropropene	1540	U
79-00-5	1,1,2-Trichloroethane	1540	U
127-18-4	Tetrachloroethene	3850	U
142-28-9	1,3-Dichloropropane	1540	U
591-78-6	2-Hexanone	3080	U
124-48-1	Dibromochloromethane	1540	U
106-93-4	1,2-Dibromoethane(EDB)	1540	U
108-90-7	Chlorobenzene	1540	U
630-20-6	1,1,1,2-Tetrachloroethane	1540	U
100-41-4	Ethylbenzene	1540	U
511-39-00	p,m-Xylene	3080	U
95-47-6	o-Xylene	712	J
100-42-5	Styrene	1540	U
75-25-2	Bromoform	3850	U
98-82-8	Isopropylbenzene (Cumene)	1540	U
108-86-1	Bromobenzene	1540	U
79-34-5	1,1,2,2-Tetrachloroethane	1540	U
96-18-4	1,2,3-Trichloropropane	1540	U
103-65-1	n-Propylbenzene	460	J
95-49-8	2-Chlorotoluene	1540	U
106-43-4	4-Chlorotoluene	1540	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804 Lab File ID: 46804M.D

Sample wt/vol: 0.65 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1759

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1540	U
98-06-6	tert-Butylbenzene	1540	U
95-63-6	1,2,4-Trimethylbenzene	1540	U
135-98-8	sec-Butylbenzene	1540	U
541-73-1	1,3-Dichlorobenzene	1540	U
106-46-7	1,4-Dichlorobenzene	1540	U
99-87-6	4-Isopropyltoluene	1540	U
104-51-8	n-Butylbenzene	814	J
95-50-1	1,2-Dichlorobenzene	1540	U
96-12-8	1,2-Dibromo-3-chloropropane	7690	U
120-82-1	1,2,4-Trichlorobenzene	1540	U
87-68-3	Hexachlorobutadiene	2310	U
91-20-3	Naphthalene	1540	U
87-61-6	1,2,3-Trichlorobenzene	1540	U
1634-04-4	MTBE	1540	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805 Lab File ID: 46805M.D

Sample wt/vol: 0.71 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1823

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1410	U
74-87-3	Chloromethane	1410	U
75-01-4	Vinyl chloride	1410	U
74-83-9	Bromomethane	1410	U
75-00-3	Chloroethane	3520	U
75-69-4	Trichlorofluoromethane	1410	U
75-35-4	1,1-Dichloroethene	1410	U
107-02-8	Acrolein	17600	U
74-88-4	Methyl iodide	1410	U
75-15-0	Carbon disulfide	1410	U
75-09-2	Methylene chloride	3520	U
156-60-5	trans-1,2-Dichloroethene	1410	U
107-13-1	Acrylonitrile	3520	U
75-34-3	1,1-Dichloroethane	1410	U
67-64-1	Acetone	7040	U
594-20-7	2,2-Dichloropropane	1410	U
156-59-2	cis-1,2-Dichloroethene	1410	U
74-97-5	Bromochloromethane	1410	U
78-93-3	2-Butanone	7040	U
67-66-3	Chloroform	1410	U
71-55-6	1,1,1-Trichloroethane	1410	U
56-23-5	Carbon tetrachloride	1410	U
563-58-6	1,1-Dichloropropene	1410	U
71-43-2	Benzene	1410	U
107-06-2	1,2-Dichloroethane	1410	U
79-01-6	Trichloroethene	1410	U
108-05-4	Vinyl acetate	2820	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805 Lab File ID: 46805M.D

Sample wt/vol: 0.71 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1823

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1410	U
74-95-3	Dibromomethane	1410	U
75-27-4	Bromodichloromethane	1410	U
10061-01-5	cis-1,3-Dichloropropene	1410	U
108-10-1	4-Methyl-2-pentanone	2820	U
108-88-3	Toluene	1240	J
10061-02-6	trans-1,3-Dichloropropene	1410	U
79-00-5	1,1,2-Trichloroethane	1410	U
127-18-4	Tetrachloroethene	3520	U
142-28-9	1,3-Dichloropropane	1410	U
591-78-6	2-Hexanone	2820	U
124-48-1	Dibromochloromethane	1410	U
106-93-4	1,2-Dibromoethane(EDB)	1410	U
108-90-7	Chlorobenzene	1410	U
630-20-6	1,1,1,2-Tetrachloroethane	1410	U
100-41-4	Ethylbenzene	1580	
511-39-00	p,m-Xylene	6070	
95-47-6	o-Xylene	1730	
100-42-5	Styrene	1410	U
75-25-2	Bromoform	3520	U
98-82-8	Isopropylbenzene (Cumene)	1410	U
108-86-1	Bromobenzene	1410	U
79-34-5	1,1,2,2-Tetrachloroethane	1410	U
96-18-4	1,2,3-Trichloropropane	1410	U
103-65-1	n-Propylbenzene	394	J
95-49-8	2-Chlorotoluene	1410	U
106-43-4	4-Chlorotoluene	1410	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805 Lab File ID: 46805M.D

Sample wt/vol: 0.71 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1823

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1410	U
98-06-6	tert-Butylbenzene	1410	U
95-63-6	1,2,4-Trimethylbenzene	1040	J
135-98-8	sec-Butylbenzene	1410	U
541-73-1	1,3-Dichlorobenzene	1410	U
106-46-7	1,4-Dichlorobenzene	1410	U
99-87-6	4-Isopropyltoluene	1410	U
104-51-8	n-Butylbenzene	463	J
95-50-1	1,2-Dichlorobenzene	1410	U
96-12-8	1,2-Dibromo-3-chloropropane	7040	U
120-82-1	1,2,4-Trichlorobenzene	1410	U
87-68-3	Hexachlorobutadiene	2110	U
91-20-3	Naphthalene	607	J
87-61-6	1,2,3-Trichlorobenzene	1410	U
1634-04-4	MTBE	1410	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD162

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806 Lab File ID: 46806M.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1846

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	667	U
74-87-3	Chloromethane	667	U
75-01-4	Vinyl chloride	667	U
74-83-9	Bromomethane	667	U
75-00-3	Chloroethane	1670	U
75-69-4	Trichlorofluoromethane	667	U
75-35-4	1,1-Dichloroethene	667	U
107-02-8	Acrolein	8330	U
74-88-4	Methyl iodide	667	U
75-15-0	Carbon disulfide	667	U
75-09-2	Methylene chloride	1670	U
156-60-5	trans-1,2-Dichloroethene	667	U
107-13-1	Acrylonitrile	1670	U
75-34-3	1,1-Dichloroethane	667	U
67-64-1	Acetone	3330	U
594-20-7	2,2-Dichloropropane	667	U
156-59-2	cis-1,2-Dichloroethene	667	U
74-97-5	Bromochloromethane	667	U
78-93-3	2-Butanone	3330	U
67-66-3	Chloroform	667	U
71-55-6	1,1,1-Trichloroethane	667	U
56-23-5	Carbon tetrachloride	667	U
563-58-6	1,1-Dichloropropene	667	U
71-43-2	Benzene	667	U
107-06-2	1,2-Dichloroethane	667	U
79-01-6	Trichloroethene	667	U
108-05-4	Vinyl acetate	1330	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD162

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806 Lab File ID: 46806M.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1846

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	667	U
74-95-3	Dibromomethane	667	U
75-27-4	Bromodichloromethane	667	U
10061-01-5	cis-1,3-Dichloropropene	667	U
108-10-1	4-Methyl-2-pentanone	1330	U
108-88-3	Toluene	667	U
10061-02-6	trans-1,3-Dichloropropene	667	U
79-00-5	1,1,2-Trichloroethane	667	U
127-18-4	Tetrachloroethene	1670	U
142-28-9	1,3-Dichloropropane	667	U
591-78-6	2-Hexanone	1330	U
124-48-1	Dibromochloromethane	667	U
106-93-4	1,2-Dibromoethane(EDB)	667	U
108-90-7	Chlorobenzene	667	U
630-20-6	1,1,1,2-Tetrachloroethane	667	U
100-41-4	Ethylbenzene	667	U
511-39-00	p,m-Xylene	1330	U
95-47-6	o-Xylene	667	U
100-42-5	Styrene	667	U
75-25-2	Bromoform	1670	U
98-82-8	Isopropylbenzene (Cumene)	667	U
108-86-1	Bromobenzene	667	U
79-34-5	1,1,2,2-Tetrachloroethane	667	U
96-18-4	1,2,3-Trichloropropane	667	U
103-65-1	n-Propylbenzene	667	U
95-49-8	2-Chlorotoluene	667	U
106-43-4	4-Chlorotoluene	667	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD162

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806 Lab File ID: 46806M.D

Sample wt/vol: 1.5 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1846

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	667	U
98-06-6	tert-Butylbenzene	667	U
95-63-6	1,2,4-Trimethylbenzene	667	U
135-98-8	sec-Butylbenzene	667	U
541-73-1	1,3-Dichlorobenzene	667	U
106-46-7	1,4-Dichlorobenzene	667	U
99-87-6	4-Isopropyltoluene	667	U
104-51-8	n-Butylbenzene	667	U
95-50-1	1,2-Dichlorobenzene	667	U
96-12-8	1,2-Dibromo-3-chloropropane	3330	U
120-82-1	1,2,4-Trichlorobenzene	667	U
87-68-3	Hexachlorobutadiene	1000	U
91-20-3	Naphthalene	667	U
87-61-6	1,2,3-Trichlorobenzene	667	U
1634-04-4	MTBE	667	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD164

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807 Lab File ID: 46807M.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1910

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	885	U
74-87-3	Chloromethane	885	U
75-01-4	Vinyl chloride	885	U
74-83-9	Bromomethane	885	U
75-00-3	Chloroethane	2210	U
75-69-4	Trichlorofluoromethane	885	U
75-35-4	1,1-Dichloroethene	885	U
107-02-8	Acrolein	11100	U
74-88-4	Methyl iodide	885	U
75-15-0	Carbon disulfide	885	U
75-09-2	Methylene chloride	2210	U
156-60-5	trans-1,2-Dichloroethene	885	U
107-13-1	Acrylonitrile	2210	U
75-34-3	1,1-Dichloroethane	885	U
67-64-1	Acetone	2870	J
594-20-7	2,2-Dichloropropane	885	U
156-59-2	cis-1,2-Dichloroethene	885	U
74-97-5	Bromochloromethane	885	U
78-93-3	2-Butanone	8760	
67-66-3	Chloroform	885	U
71-55-6	1,1,1-Trichloroethane	885	U
56-23-5	Carbon tetrachloride	885	U
563-58-6	1,1-Dichloropropene	885	U
71-43-2	Benzene	885	U
107-06-2	1,2-Dichloroethane	885	U
79-01-6	Trichloroethene	885	U
108-05-4	Vinyl acetate	1770	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD164

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807 Lab File ID: 46807M.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1910

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	885	U
74-95-3	Dibromomethane	885	U
75-27-4	Bromodichloromethane	885	U
10061-01-5	cis-1,3-Dichloropropene	885	U
108-10-1	4-Methyl-2-pentanone	1770	U
108-88-3	Toluene	885	U
10061-02-6	trans-1,3-Dichloropropene	885	U
79-00-5	1,1,2-Trichloroethane	885	U
127-18-4	Tetrachloroethene	2210	U
142-28-9	1,3-Dichloropropane	885	U
591-78-6	2-Hexanone	1770	U
124-48-1	Dibromochloromethane	885	U
106-93-4	1,2-Dibromoethane(EDB)	885	U
108-90-7	Chlorobenzene	885	U
630-20-6	1,1,1,2-Tetrachloroethane	885	U
100-41-4	Ethylbenzene	885	U
511-39-00	p,m-Xylene	1600	J
95-47-6	o-Xylene	885	U
100-42-5	Styrene	885	U
75-25-2	Bromoform	2210	U
98-82-8	Isopropylbenzene (Cumene)	885	U
108-86-1	Bromobenzene	885	U
79-34-5	1,1,2,2-Tetrachloroethane	885	U
96-18-4	1,2,3-Trichloropropane	885	U
103-65-1	n-Propylbenzene	885	U
95-49-8	2-Chlorotoluene	885	U
106-43-4	4-Chlorotoluene	885	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD164

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807 Lab File ID: 46807M.D

Sample wt/vol: 1.13 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1910

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	885	U
98-06-6	tert-Butylbenzene	885	U
95-63-6	1,2,4-Trimethylbenzene	885	U
135-98-8	sec-Butylbenzene	885	U
541-73-1	1,3-Dichlorobenzene	885	U
106-46-7	1,4-Dichlorobenzene	885	U
99-87-6	4-Isopropyltoluene	885	U
104-51-8	n-Butylbenzene	885	U
95-50-1	1,2-Dichlorobenzene	885	U
96-12-8	1,2-Dibromo-3-chloropropane	4420	U
120-82-1	1,2,4-Trichlorobenzene	885	U
87-68-3	Hexachlorobutadiene	1330	U
91-20-3	Naphthalene	885	U
87-61-6	1,2,3-Trichlorobenzene	885	U
1634-04-4	MTBE	885	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD173

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808 Lab File ID: 46808M.D

Sample wt/vol: 0.99 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1933

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1010	U
74-87-3	Chloromethane	1010	U
75-01-4	Vinyl chloride	1010	U
74-83-9	Bromomethane	1010	U
75-00-3	Chloroethane	2520	U
75-69-4	Trichlorofluoromethane	1010	U
75-35-4	1,1-Dichloroethene	1010	U
107-02-8	Acrolein	12600	U
74-88-4	Methyl iodide	1010	U
75-15-0	Carbon disulfide	1010	U
75-09-2	Methylene chloride	2520	U
156-60-5	trans-1,2-Dichloroethene	1010	U
107-13-1	Acrylonitrile	2520	U
75-34-3	1,1-Dichloroethane	1010	U
67-64-1	Acetone	5050	U
594-20-7	2,2-Dichloropropane	1010	U
156-59-2	cis-1,2-Dichloroethene	1010	U
74-97-5	Bromochloromethane	1010	U
78-93-3	2-Butanone	5050	U
67-66-3	Chloroform	1010	U
71-55-6	1,1,1-Trichloroethane	1010	U
56-23-5	Carbon tetrachloride	1010	U
563-58-6	1,1-Dichloropropene	1010	U
71-43-2	Benzene	1010	U
107-06-2	1,2-Dichloroethane	1010	U
79-01-6	Trichloroethene	1010	U
108-05-4	Vinyl acetate	2020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD173

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808 Lab File ID: 46808M.D

Sample wt/vol: 0.99 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1933

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1010	U
74-95-3	Dibromomethane	1010	U
75-27-4	Bromodichloromethane	1010	U
10061-01-5	cis-1,3-Dichloropropene	1010	U
108-10-1	4-Methyl-2-pentanone	2020	U
108-88-3	Toluene	1010	U
10061-02-6	trans-1,3-Dichloropropene	1010	U
79-00-5	1,1,2-Trichloroethane	1010	U
127-18-4	Tetrachloroethene	2520	U
142-28-9	1,3-Dichloropropane	1010	U
591-78-6	2-Hexanone	2020	U
124-48-1	Dibromochloromethane	1010	U
106-93-4	1,2-Dibromoethane(EDB)	1010	U
108-90-7	Chlorobenzene	1010	U
630-20-6	1,1,1,2-Tetrachloroethane	1010	U
100-41-4	Ethylbenzene	1010	U
511-39-00	p,m-Xylene	4010	
95-47-6	o-Xylene	1010	U
100-42-5	Styrene	1010	U
75-25-2	Bromoform	2520	U
98-82-8	Isopropylbenzene (Cumene)	1010	U
108-86-1	Bromobenzene	1010	U
79-34-5	1,1,2,2-Tetrachloroethane	1010	U
96-18-4	1,2,3-Trichloropropane	1010	U
103-65-1	n-Propylbenzene	1010	U
95-49-8	2-Chlorotoluene	1010	U
106-43-4	4-Chlorotoluene	1010	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD173

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808 Lab File ID: 46808M.D

Sample wt/vol: 0.99 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1933

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1010	U
98-06-6	tert-Butylbenzene	1010	U
95-63-6	1,2,4-Trimethylbenzene	1010	U
135-98-8	sec-Butylbenzene	1010	U
541-73-1	1,3-Dichlorobenzene	1010	U
106-46-7	1,4-Dichlorobenzene	1010	U
99-87-6	4-Isopropyltoluene	1010	U
104-51-8	n-Butylbenzene	1010	U
95-50-1	1,2-Dichlorobenzene	1010	U
96-12-8	1,2-Dibromo-3-chloropropane	5050	U
120-82-1	1,2,4-Trichlorobenzene	1010	U
87-68-3	Hexachlorobutadiene	1520	U
91-20-3	Naphthalene	1010	U
87-61-6	1,2,3-Trichlorobenzene	1010	U
1634-04-4	MTBE	1010	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD160

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809 Lab File ID: 46809M.D

Sample wt/vol: 1.44 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1957

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	694	U
74-87-3	Chloromethane	694	U
75-01-4	Vinyl chloride	694	U
74-83-9	Bromomethane	694	U
75-00-3	Chloroethane	1740	U
75-69-4	Trichlorofluoromethane	694	U
75-35-4	1,1-Dichloroethene	694	U
107-02-8	Acrolein	8680	U
74-88-4	Methyl iodide	694	U
75-15-0	Carbon disulfide	694	U
75-09-2	Methylene chloride	1740	U
156-60-5	trans-1,2-Dichloroethene	694	U
107-13-1	Acrylonitrile	1740	U
75-34-3	1,1-Dichloroethane	694	U
67-64-1	Acetone	3470	U
594-20-7	2,2-Dichloropropane	694	U
156-59-2	cis-1,2-Dichloroethene	694	U
74-97-5	Bromochloromethane	694	U
78-93-3	2-Butanone	3470	U
67-66-3	Chloroform	694	U
71-55-6	1,1,1-Trichloroethane	694	U
56-23-5	Carbon tetrachloride	694	U
563-58-6	1,1-Dichloropropene	694	U
71-43-2	Benzene	694	U
107-06-2	1,2-Dichloroethane	694	U
79-01-6	Trichloroethene	694	U
108-05-4	Vinyl acetate	1390	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD160

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809 Lab File ID: 46809M.D

Sample wt/vol: 1.44 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1957

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	694	U
74-95-3	Dibromomethane	694	U
75-27-4	Bromodichloromethane	694	U
10061-01-5	cis-1,3-Dichloropropene	694	U
108-10-1	4-Methyl-2-pentanone	1390	U
108-88-3	Toluene	694	U
10061-02-6	trans-1,3-Dichloropropene	694	U
79-00-5	1,1,2-Trichloroethane	694	U
127-18-4	Tetrachloroethene	1740	U
142-28-9	1,3-Dichloropropane	694	U
591-78-6	2-Hexanone	1390	U
124-48-1	Dibromochloromethane	694	U
106-93-4	1,2-Dibromoethane(EDB)	694	U
108-90-7	Chlorobenzene	694	U
630-20-6	1,1,1,2-Tetrachloroethane	694	U
100-41-4	Ethylbenzene	694	U
511-39-00	p,m-Xylene	1390	U
95-47-6	o-Xylene	694	U
100-42-5	Styrene	694	U
75-25-2	Bromoform	1740	U
98-82-8	Isopropylbenzene (Cumene)	694	U
108-86-1	Bromobenzene	694	U
79-34-5	1,1,2,2-Tetrachloroethane	694	U
96-18-4	1,2,3-Trichloropropane	694	U
103-65-1	n-Propylbenzene	694	U
95-49-8	2-Chlorotoluene	694	U
106-43-4	4-Chlorotoluene	694	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD160

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809 Lab File ID: 46809M.D

Sample wt/vol: 1.44 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1957

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	694	U
98-06-6	tert-Butylbenzene	171	J
95-63-6	1,2,4-Trimethylbenzene	694	U
135-98-8	sec-Butylbenzene	694	U
541-73-1	1,3-Dichlorobenzene	694	U
106-46-7	1,4-Dichlorobenzene	694	U
99-87-6	4-Isopropyltoluene	694	U
104-51-8	n-Butylbenzene	694	U
95-50-1	1,2-Dichlorobenzene	694	U
96-12-8	1,2-Dibromo-3-chloropropane	3470	U
120-82-1	1,2,4-Trichlorobenzene	694	U
87-68-3	Hexachlorobutadiene	1040	U
91-20-3	Naphthalene	694	U
87-61-6	1,2,3-Trichlorobenzene	694	U
1634-04-4	MTBE	694	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810 Lab File ID: 46810M.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2021

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	699	U
74-87-3	Chloromethane	699	U
75-01-4	Vinyl chloride	699	U
74-83-9	Bromomethane	699	U
75-00-3	Chloroethane	1750	U
75-69-4	Trichlorofluoromethane	699	U
75-35-4	1,1-Dichloroethene	699	U
107-02-8	Acrolein	8740	U
74-88-4	Methyl iodide	699	U
75-15-0	Carbon disulfide	699	U
75-09-2	Methylene chloride	1520	J
156-60-5	trans-1,2-Dichloroethene	699	U
107-13-1	Acrylonitrile	1750	U
75-34-3	1,1-Dichloroethane	699	U
67-64-1	Acetone	5230	
594-20-7	2,2-Dichloropropane	699	U
156-59-2	cis-1,2-Dichloroethene	699	U
74-97-5	Bromochloromethane	699	U
78-93-3	2-Butanone	7360	
67-66-3	Chloroform	699	U
71-55-6	1,1,1-Trichloroethane	2030	
56-23-5	Carbon tetrachloride	699	U
563-58-6	1,1-Dichloropropene	699	U
71-43-2	Benzene	3210	
107-06-2	1,2-Dichloroethane	699	U
79-01-6	Trichloroethene	382	J
108-05-4	Vinyl acetate	1400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810 Lab File ID: 46810M.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2021

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	699	U
74-95-3	Dibromomethane	699	U
75-27-4	Bromodichloromethane	699	U
10061-01-5	cis-1,3-Dichloropropene	699	U
108-10-1	4-Methyl-2-pentanone	13500	
108-88-3	Toluene	791000	E
10061-02-6	trans-1,3-Dichloropropene	699	U
79-00-5	1,1,2-Trichloroethane	699	U
127-18-4	Tetrachloroethene	2130	
142-28-9	1,3-Dichloropropane	699	U
591-78-6	2-Hexanone	4660	
124-48-1	Dibromochloromethane	699	U
106-93-4	1,2-Dibromoethane(EDB)	699	U
108-90-7	Chlorobenzene	699	U
630-20-6	1,1,1,2-Tetrachloroethane	699	U
100-41-4	Ethylbenzene	10900	
511-39-00	p,m-Xylene	36500	
95-47-6	o-Xylene	12600	
100-42-5	Styrene	699	U
75-25-2	Bromoform	1750	U
98-82-8	Isopropylbenzene (Cumene)	1120	
108-86-1	Bromobenzene	699	U
79-34-5	1,1,2,2-Tetrachloroethane	699	U
96-18-4	1,2,3-Trichloropropane	699	U
103-65-1	n-Propylbenzene	1180	
95-49-8	2-Chlorotoluene	699	U
106-43-4	4-Chlorotoluene	699	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810 Lab File ID: 46810M.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2021

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	3190	
98-06-6	tert-Butylbenzene	699	U
95-63-6	1,2,4-Trimethylbenzene	8590	
135-98-8	sec-Butylbenzene	410	J
541-73-1	1,3-Dichlorobenzene	699	U
106-46-7	1,4-Dichlorobenzene	699	U
99-87-6	4-Isopropyltoluene	389	J
104-51-8	n-Butylbenzene	1050	
95-50-1	1,2-Dichlorobenzene	456	J
96-12-8	1,2-Dibromo-3-chloropropane	3500	U
120-82-1	1,2,4-Trichlorobenzene	699	U
87-68-3	Hexachlorobutadiene	1050	U
91-20-3	Naphthalene	11300	
87-61-6	1,2,3-Trichlorobenzene	699	U
1634-04-4	MTBE	699	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD12DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810DL1 Lab File ID: 46810MD.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1436

PercentSolids: 100 decanted : Dilution Factor: 10000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	140000	U
74-87-3	Chloromethane	140000	U
75-01-4	Vinyl chloride	140000	U
74-83-9	Bromomethane	140000	U
75-00-3	Chloroethane	350000	U
75-69-4	Trichlorofluoromethane	140000	U
75-35-4	1,1-Dichloroethene	140000	U
107-02-8	Acrolein	1750000	U
74-88-4	Methyl iodide	140000	U
75-15-0	Carbon disulfide	140000	U
75-09-2	Methylene chloride	350000	U
156-60-5	trans-1,2-Dichloroethene	140000	U
107-13-1	Acrylonitrile	350000	U
75-34-3	1,1-Dichloroethane	140000	U
67-64-1	Acetone	699000	U
594-20-7	2,2-Dichloropropane	140000	U
156-59-2	cis-1,2-Dichloroethene	140000	U
74-97-5	Bromochloromethane	140000	U
78-93-3	2-Butanone	699000	U
67-66-3	Chloroform	140000	U
71-55-6	1,1,1-Trichloroethane	140000	U
56-23-5	Carbon tetrachloride	140000	U
563-58-6	1,1-Dichloropropene	140000	U
71-43-2	Benzene	140000	U
107-06-2	1,2-Dichloroethane	140000	U
79-01-6	Trichloroethene	140000	U
108-05-4	Vinyl acetate	280000	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD12DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810DL1 Lab File ID: 46810MD.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1436

PercentSolids: 100 decanted : Dilution Factor: 10000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	140000	U
74-95-3	Dibromomethane	140000	U
75-27-4	Bromodichloromethane	140000	U
10061-01-5	cis-1,3-Dichloropropene	140000	U
108-10-1	4-Methyl-2-pentanone	280000	U
108-88-3	Toluene	3760000	
10061-02-6	trans-1,3-Dichloropropene	140000	U
79-00-5	1,1,2-Trichloroethane	140000	U
127-18-4	Tetrachloroethene	350000	U
142-28-9	1,3-Dichloropropane	140000	U
591-78-6	2-Hexanone	280000	U
124-48-1	Dibromochloromethane	140000	U
106-93-4	1,2-Dibromoethane(EDB)	140000	U
108-90-7	Chlorobenzene	140000	U
630-20-6	1,1,1,2-Tetrachloroethane	140000	U
100-41-4	Ethylbenzene	140000	U
511-39-00	p,m-Xylene	280000	U
95-47-6	o-Xylene	140000	U
100-42-5	Styrene	140000	U
75-25-2	Bromoform	350000	U
98-82-8	Isopropylbenzene (Cumene)	140000	U
108-86-1	Bromobenzene	140000	U
79-34-5	1,1,2,2-Tetrachloroethane	140000	U
96-18-4	1,2,3-Trichloropropane	140000	U
103-65-1	n-Propylbenzene	140000	U
95-49-8	2-Chlorotoluene	140000	U
106-43-4	4-Chlorotoluene	140000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD12DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810DL1 Lab File ID: 46810MD.D

Sample wt/vol: 1.43 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1436

PercentSolids: 100 decanted : Dilution Factor: 10000

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	140000	U
98-06-6	tert-Butylbenzene	140000	U
95-63-6	1,2,4-Trimethylbenzene	140000	U
135-98-8	sec-Butylbenzene	140000	U
541-73-1	1,3-Dichlorobenzene	140000	U
106-46-7	1,4-Dichlorobenzene	140000	U
99-87-6	4-Isopropyltoluene	140000	U
104-51-8	n-Butylbenzene	140000	U
95-50-1	1,2-Dichlorobenzene	140000	U
96-12-8	1,2-Dibromo-3-chloropropane	699000	U
120-82-1	1,2,4-Trichlorobenzene	140000	U
87-68-3	Hexachlorobutadiene	210000	U
91-20-3	Naphthalene	83900	J
87-61-6	1,2,3-Trichlorobenzene	140000	U
1634-04-4	MTBE	140000	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811 Lab File ID: 46811M.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2044

PercentSolids: 100 decanted : Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1470	U
74-87-3	Chloromethane	1470	U
75-01-4	Vinyl chloride	1470	U
74-83-9	Bromomethane	1470	U
75-00-3	Chloroethane	3680	U
75-69-4	Trichlorofluoromethane	1470	U
75-35-4	1,1-Dichloroethene	1470	U
107-02-8	Acrolein	18400	U
74-88-4	Methyl iodide	1470	U
75-15-0	Carbon disulfide	1470	U
75-09-2	Methylene chloride	3680	U
156-60-5	trans-1,2-Dichloroethene	1470	U
107-13-1	Acrylonitrile	3680	U
75-34-3	1,1-Dichloroethane	1470	U
67-64-1	Acetone	104000	
594-20-7	2,2-Dichloropropane	1470	U
156-59-2	cis-1,2-Dichloroethene	1470	U
74-97-5	Bromochloromethane	1470	U
78-93-3	2-Butanone	7350	U
67-66-3	Chloroform	1470	U
71-55-6	1,1,1-Trichloroethane	1470	U
56-23-5	Carbon tetrachloride	1470	U
563-58-6	1,1-Dichloropropene	1470	U
71-43-2	Benzene	619	J
107-06-2	1,2-Dichloroethane	167000	E
79-01-6	Trichloroethene	1470	U
108-05-4	Vinyl acetate	2940	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811 Lab File ID: 46811M.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2044

PercentSolids: 100 decanted : Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1470	U
74-95-3	Dibromomethane	1470	U
75-27-4	Bromodichloromethane	1470	U
10061-01-5	cis-1,3-Dichloropropene	1470	U
108-10-1	4-Methyl-2-pentanone	2940	U
108-88-3	Toluene	21600	
10061-02-6	trans-1,3-Dichloropropene	1470	U
79-00-5	1,1,2-Trichloroethane	1470	U
127-18-4	Tetrachloroethene	3680	U
142-28-9	1,3-Dichloropropane	1470	U
591-78-6	2-Hexanone	2940	U
124-48-1	Dibromochloromethane	1470	U
106-93-4	1,2-Dibromoethane(EDB)	1470	U
108-90-7	Chlorobenzene	1470	U
630-20-6	1,1,1,2-Tetrachloroethane	1470	U
100-41-4	Ethylbenzene	599	J
511-39-00	p,m-Xylene	1900	J
95-47-6	o-Xylene	1240	J
100-42-5	Styrene	1470	U
75-25-2	Bromoform	3680	U
98-82-8	Isopropylbenzene (Cumene)	1470	U
108-86-1	Bromobenzene	1470	U
79-34-5	1,1,2,2-Tetrachloroethane	1470	U
96-18-4	1,2,3-Trichloropropane	1470	U
103-65-1	n-Propylbenzene	1470	U
95-49-8	2-Chlorotoluene	1470	U
106-43-4	4-Chlorotoluene	1470	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811 Lab File ID: 46811M.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2044

PercentSolids: 100 decanted : Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1470	U
98-06-6	tert-Butylbenzene	1470	U
95-63-6	1,2,4-Trimethylbenzene	1470	U
135-98-8	sec-Butylbenzene	1470	U
541-73-1	1,3-Dichlorobenzene	1470	U
106-46-7	1,4-Dichlorobenzene	1470	U
99-87-6	4-Isopropyltoluene	1470	U
104-51-8	n-Butylbenzene	1470	U
95-50-1	1,2-Dichlorobenzene	1470	U
96-12-8	1,2-Dibromo-3-chloropropane	7350	U
120-82-1	1,2,4-Trichlorobenzene	1470	U
87-68-3	Hexachlorobutadiene	2200	U
91-20-3	Naphthalene	8950	
87-61-6	1,2,3-Trichlorobenzene	1470	U
1634-04-4	MTBE	1230	J

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD11DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811DL1 Lab File ID: 46811MD.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1459

PercentSolids: 100 decanted : Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	7350	U
74-87-3	Chloromethane	7350	U
75-01-4	Vinyl chloride	7350	U
74-83-9	Bromomethane	7350	U
75-00-3	Chloroethane	18400	U
75-69-4	Trichlorofluoromethane	7350	U
75-35-4	1,1-Dichloroethene	7350	U
107-02-8	Acrolein	91900	U
74-88-4	Methyl iodide	7350	U
75-15-0	Carbon disulfide	7350	U
75-09-2	Methylene chloride	18400	U
156-60-5	trans-1,2-Dichloroethene	7350	U
107-13-1	Acrylonitrile	18400	U
75-34-3	1,1-Dichloroethane	7350	U
67-64-1	Acetone	65400	
594-20-7	2,2-Dichloropropane	7350	U
156-59-2	cis-1,2-Dichloroethene	7350	U
74-97-5	Bromochloromethane	7350	U
78-93-3	2-Butanone	36800	U
67-66-3	Chloroform	7350	U
71-55-6	1,1,1-Trichloroethane	7350	U
56-23-5	Carbon tetrachloride	7350	U
563-58-6	1,1-Dichloropropene	7350	U
71-43-2	Benzene	7350	U
107-06-2	1,2-Dichloroethane	121000	
79-01-6	Trichloroethene	7350	U
108-05-4	Vinyl acetate	14700	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD11DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811DL1 Lab File ID: 46811MD.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1459

PercentSolids: 100 decanted : Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	7350	U
74-95-3	Dibromomethane	7350	U
75-27-4	Bromodichloromethane	7350	U
10061-01-5	cis-1,3-Dichloropropene	7350	U
108-10-1	4-Methyl-2-pentanone	14700	U
108-88-3	Toluene	2900	J
10061-02-6	trans-1,3-Dichloropropene	7350	U
79-00-5	1,1,2-Trichloroethane	7350	U
127-18-4	Tetrachloroethene	18400	U
142-28-9	1,3-Dichloropropane	7350	U
591-78-6	2-Hexanone	14700	U
124-48-1	Dibromochloromethane	7350	U
106-93-4	1,2-Dibromoethane(EDB)	7350	U
108-90-7	Chlorobenzene	7350	U
630-20-6	1,1,1,2-Tetrachloroethane	7350	U
100-41-4	Ethylbenzene	7350	U
511-39-00	p,m-Xylene	14700	U
95-47-6	o-Xylene	7350	U
100-42-5	Styrene	7350	U
75-25-2	Bromoform	18400	U
98-82-8	Isopropylbenzene (Cumene)	7350	U
108-86-1	Bromobenzene	7350	U
79-34-5	1,1,2,2-Tetrachloroethane	7350	U
96-18-4	1,2,3-Trichloropropane	7350	U
103-65-1	n-Propylbenzene	7350	U
95-49-8	2-Chlorotoluene	7350	U
106-43-4	4-Chlorotoluene	7350	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD11DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811DL1 Lab File ID: 46811MD.D

Sample wt/vol: 1.36 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1459

PercentSolids: 100 decanted : Dilution Factor: 500

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	7350	U
98-06-6	tert-Butylbenzene	7350	U
95-63-6	1,2,4-Trimethylbenzene	7350	U
135-98-8	sec-Butylbenzene	7350	U
541-73-1	1,3-Dichlorobenzene	7350	U
106-46-7	1,4-Dichlorobenzene	7350	U
99-87-6	4-Isopropyltoluene	7350	U
104-51-8	n-Butylbenzene	7350	U
95-50-1	1,2-Dichlorobenzene	7350	U
96-12-8	1,2-Dibromo-3-chloropropane	36800	U
120-82-1	1,2,4-Trichlorobenzene	7350	U
87-68-3	Hexachlorobutadiene	11000	U
91-20-3	Naphthalene	5100	J
87-61-6	1,2,3-Trichlorobenzene	7350	U
1634-04-4	MTBE	7350	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD35

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812 Lab File ID: 46812M.D

Sample wt/vol: 1.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2108

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	649	U
74-87-3	Chloromethane	649	U
75-01-4	Vinyl chloride	649	U
74-83-9	Bromomethane	649	U
75-00-3	Chloroethane	1620	U
75-69-4	Trichlorofluoromethane	649	U
75-35-4	1,1-Dichloroethene	649	U
107-02-8	Acrolein	8120	U
74-88-4	Methyl iodide	649	U
75-15-0	Carbon disulfide	649	U
75-09-2	Methylene chloride	1620	U
156-60-5	trans-1,2-Dichloroethene	649	U
107-13-1	Acrylonitrile	1620	U
75-34-3	1,1-Dichloroethane	649	U
67-64-1	Acetone	3250	U
594-20-7	2,2-Dichloropropane	649	U
156-59-2	cis-1,2-Dichloroethene	649	U
74-97-5	Bromochloromethane	649	U
78-93-3	2-Butanone	3250	U
67-66-3	Chloroform	649	U
71-55-6	1,1,1-Trichloroethane	649	U
56-23-5	Carbon tetrachloride	649	U
563-58-6	1,1-Dichloropropene	649	U
71-43-2	Benzene	649	U
107-06-2	1,2-Dichloroethane	649	U
79-01-6	Trichloroethene	649	U
108-05-4	Vinyl acetate	1300	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD35

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812 Lab File ID: 46812M.D

Sample wt/vol: 1.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2108

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	649	U
74-95-3	Dibromomethane	649	U
75-27-4	Bromodichloromethane	649	U
10061-01-5	cis-1,3-Dichloropropene	649	U
108-10-1	4-Methyl-2-pentanone	1300	U
108-88-3	Toluene	649	U
10061-02-6	trans-1,3-Dichloropropene	649	U
79-00-5	1,1,2-Trichloroethane	649	U
127-18-4	Tetrachloroethene	1620	U
142-28-9	1,3-Dichloropropane	649	U
591-78-6	2-Hexanone	1300	U
124-48-1	Dibromochloromethane	649	U
106-93-4	1,2-Dibromoethane(EDB)	649	U
108-90-7	Chlorobenzene	649	U
630-20-6	1,1,1,2-Tetrachloroethane	649	U
100-41-4	Ethylbenzene	649	U
511-39-00	p,m-Xylene	1300	U
95-47-6	o-Xylene	649	U
100-42-5	Styrene	649	U
75-25-2	Bromoform	1620	U
98-82-8	Isopropylbenzene (Cumene)	649	U
108-86-1	Bromobenzene	649	U
79-34-5	1,1,2,2-Tetrachloroethane	649	U
96-18-4	1,2,3-Trichloropropane	649	U
103-65-1	n-Propylbenzene	649	U
95-49-8	2-Chlorotoluene	649	U
106-43-4	4-Chlorotoluene	649	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD35

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812 Lab File ID: 46812M.D

Sample wt/vol: 1.54 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2108

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	649	U
98-06-6	tert-Butylbenzene	649	U
95-63-6	1,2,4-Trimethylbenzene	649	U
135-98-8	sec-Butylbenzene	649	U
541-73-1	1,3-Dichlorobenzene	649	U
106-46-7	1,4-Dichlorobenzene	649	U
99-87-6	4-Isopropyltoluene	649	U
104-51-8	n-Butylbenzene	649	U
95-50-1	1,2-Dichlorobenzene	649	U
96-12-8	1,2-Dibromo-3-chloropropane	3250	U
120-82-1	1,2,4-Trichlorobenzene	649	U
87-68-3	Hexachlorobutadiene	974	U
91-20-3	Naphthalene	649	U
87-61-6	1,2,3-Trichlorobenzene	649	U
1634-04-4	MTBE	649	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813 Lab File ID: 46813M.D

Sample wt/vol: 1.56 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2131

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	641	U
74-87-3	Chloromethane	641	U
75-01-4	Vinyl chloride	641	U
74-83-9	Bromomethane	641	U
75-00-3	Chloroethane	1600	U
75-69-4	Trichlorofluoromethane	641	U
75-35-4	1,1-Dichloroethene	641	U
107-02-8	Acrolein	8010	U
74-88-4	Methyl iodide	641	U
75-15-0	Carbon disulfide	641	U
75-09-2	Methylene chloride	1600	U
156-60-5	trans-1,2-Dichloroethene	641	U
107-13-1	Acrylonitrile	1600	U
75-34-3	1,1-Dichloroethane	641	U
67-64-1	Acetone	3200	U
594-20-7	2,2-Dichloropropane	641	U
156-59-2	cis-1,2-Dichloroethene	641	U
74-97-5	Bromochloromethane	641	U
78-93-3	2-Butanone	3200	U
67-66-3	Chloroform	641	U
71-55-6	1,1,1-Trichloroethane	641	U
56-23-5	Carbon tetrachloride	641	U
563-58-6	1,1-Dichloropropene	641	U
71-43-2	Benzene	641	U
107-06-2	1,2-Dichloroethane	641	U
79-01-6	Trichloroethene	641	U
108-05-4	Vinyl acetate	1280	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813 Lab File ID: 46813M.D

Sample wt/vol: 1.56 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2131

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	641	U
74-95-3	Dibromomethane	641	U
75-27-4	Bromodichloromethane	641	U
10061-01-5	cis-1,3-Dichloropropene	641	U
108-10-1	4-Methyl-2-pentanone	1280	U
108-88-3	Toluene	641	U
10061-02-6	trans-1,3-Dichloropropene	641	U
79-00-5	1,1,2-Trichloroethane	641	U
127-18-4	Tetrachloroethene	1600	U
142-28-9	1,3-Dichloropropane	641	U
591-78-6	2-Hexanone	1280	U
124-48-1	Dibromochloromethane	641	U
106-93-4	1,2-Dibromoethane(EDB)	641	U
108-90-7	Chlorobenzene	641	U
630-20-6	1,1,1,2-Tetrachloroethane	641	U
100-41-4	Ethylbenzene	641	U
511-39-00	p,m-Xylene	1280	U
95-47-6	o-Xylene	641	U
100-42-5	Styrene	641	U
75-25-2	Bromoform	1600	U
98-82-8	Isopropylbenzene (Cumene)	641	U
108-86-1	Bromobenzene	641	U
79-34-5	1,1,2,2-Tetrachloroethane	641	U
96-18-4	1,2,3-Trichloropropane	641	U
103-65-1	n-Propylbenzene	641	U
95-49-8	2-Chlorotoluene	641	U
106-43-4	4-Chlorotoluene	641	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813 Lab File ID: 46813M.D

Sample wt/vol: 1.56 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2131

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	641	U
98-06-6	tert-Butylbenzene	641	U
95-63-6	1,2,4-Trimethylbenzene	641	U
135-98-8	sec-Butylbenzene	641	U
541-73-1	1,3-Dichlorobenzene	641	U
106-46-7	1,4-Dichlorobenzene	641	U
99-87-6	4-Isopropyltoluene	641	U
104-51-8	n-Butylbenzene	641	U
95-50-1	1,2-Dichlorobenzene	641	U
96-12-8	1,2-Dibromo-3-chloropropane	3200	U
120-82-1	1,2,4-Trichlorobenzene	641	U
87-68-3	Hexachlorobutadiene	962	U
91-20-3	Naphthalene	641	U
87-61-6	1,2,3-Trichlorobenzene	641	U
1634-04-4	MTBE	641	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814 Lab File ID: 46814M.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2155

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	671	U
74-87-3	Chloromethane	671	U
75-01-4	Vinyl chloride	671	U
74-83-9	Bromomethane	671	U
75-00-3	Chloroethane	1680	U
75-69-4	Trichlorofluoromethane	671	U
75-35-4	1,1-Dichloroethene	671	U
107-02-8	Acrolein	8390	U
74-88-4	Methyl iodide	671	U
75-15-0	Carbon disulfide	671	U
75-09-2	Methylene chloride	1680	U
156-60-5	trans-1,2-Dichloroethene	671	U
107-13-1	Acrylonitrile	1680	U
75-34-3	1,1-Dichloroethane	671	U
67-64-1	Acetone	3360	U
594-20-7	2,2-Dichloropropane	671	U
156-59-2	cis-1,2-Dichloroethene	671	U
74-97-5	Bromochloromethane	671	U
78-93-3	2-Butanone	3360	U
67-66-3	Chloroform	671	U
71-55-6	1,1,1-Trichloroethane	671	U
56-23-5	Carbon tetrachloride	671	U
563-58-6	1,1-Dichloropropene	671	U
71-43-2	Benzene	671	U
107-06-2	1,2-Dichloroethane	671	U
79-01-6	Trichloroethene	671	U
108-05-4	Vinyl acetate	1340	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814 Lab File ID: 46814M.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2155

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	671	U
74-95-3	Dibromomethane	671	U
75-27-4	Bromodichloromethane	671	U
10061-01-5	cis-1,3-Dichloropropene	671	U
108-10-1	4-Methyl-2-pentanone	1340	U
108-88-3	Toluene	1340	
10061-02-6	trans-1,3-Dichloropropene	671	U
79-00-5	1,1,2-Trichloroethane	671	U
127-18-4	Tetrachloroethene	1680	U
142-28-9	1,3-Dichloropropane	671	U
591-78-6	2-Hexanone	1340	U
124-48-1	Dibromochloromethane	671	U
106-93-4	1,2-Dibromoethane(EDB)	671	U
108-90-7	Chlorobenzene	671	U
630-20-6	1,1,1,2-Tetrachloroethane	671	U
100-41-4	Ethylbenzene	8440	
511-39-00	p,m-Xylene	2020	
95-47-6	o-Xylene	4300	
100-42-5	Styrene	671	U
75-25-2	Bromoform	1680	U
98-82-8	Isopropylbenzene (Cumene)	10900	
108-86-1	Bromobenzene	671	U
79-34-5	1,1,2,2-Tetrachloroethane	671	U
96-18-4	1,2,3-Trichloropropane	671	U
103-65-1	n-Propylbenzene	13600	
95-49-8	2-Chlorotoluene	671	U
106-43-4	4-Chlorotoluene	671	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814 Lab File ID: 46814M.D

Sample wt/vol: 1.49 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2155

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	844	
98-06-6	tert-Butylbenzene	671	U
95-63-6	1,2,4-Trimethylbenzene	7860	
135-98-8	sec-Butylbenzene	9780	
541-73-1	1,3-Dichlorobenzene	671	U
106-46-7	1,4-Dichlorobenzene	671	U
99-87-6	4-Isopropyltoluene	2840	
104-51-8	n-Butylbenzene	19600	
95-50-1	1,2-Dichlorobenzene	671	U
96-12-8	1,2-Dibromo-3-chloropropane	3360	U
120-82-1	1,2,4-Trichlorobenzene	671	U
87-68-3	Hexachlorobutadiene	1010	U
91-20-3	Naphthalene	11800	
87-61-6	1,2,3-Trichlorobenzene	671	U
1634-04-4	MTBE	671	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815 Lab File ID: 46815M.D

Sample wt/vol: 1.29 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2219

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	775	U
74-87-3	Chloromethane	775	U
75-01-4	Vinyl chloride	775	U
74-83-9	Bromomethane	775	U
75-00-3	Chloroethane	1940	U
75-69-4	Trichlorofluoromethane	775	U
75-35-4	1,1-Dichloroethene	775	U
107-02-8	Acrolein	9690	U
74-88-4	Methyl iodide	775	U
75-15-0	Carbon disulfide	775	U
75-09-2	Methylene chloride	1940	U
156-60-5	trans-1,2-Dichloroethene	775	U
107-13-1	Acrylonitrile	1940	U
75-34-3	1,1-Dichloroethane	775	U
67-64-1	Acetone	8110	
594-20-7	2,2-Dichloropropane	775	U
156-59-2	cis-1,2-Dichloroethene	775	U
74-97-5	Bromochloromethane	775	U
78-93-3	2-Butanone	3880	U
67-66-3	Chloroform	775	U
71-55-6	1,1,1-Trichloroethane	775	U
56-23-5	Carbon tetrachloride	775	U
563-58-6	1,1-Dichloropropene	775	U
71-43-2	Benzene	1180	
107-06-2	1,2-Dichloroethane	775	U
79-01-6	Trichloroethene	775	U
108-05-4	Vinyl acetate	1550	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815 Lab File ID: 46815M.D

Sample wt/vol: 1.29 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2219

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	775	U
74-95-3	Dibromomethane	775	U
75-27-4	Bromodichloromethane	775	U
10061-01-5	cis-1,3-Dichloropropene	775	U
108-10-1	4-Methyl-2-pentanone	1550	U
108-88-3	Toluene	1990	
10061-02-6	trans-1,3-Dichloropropene	775	U
79-00-5	1,1,2-Trichloroethane	775	U
127-18-4	Tetrachloroethene	1940	U
142-28-9	1,3-Dichloropropane	775	U
591-78-6	2-Hexanone	1550	U
124-48-1	Dibromochloromethane	775	U
106-93-4	1,2-Dibromoethane(EDB)	775	U
108-90-7	Chlorobenzene	775	U
630-20-6	1,1,1,2-Tetrachloroethane	775	U
100-41-4	Ethylbenzene	775	U
511-39-00	p,m-Xylene	33400	
95-47-6	o-Xylene	775	U
100-42-5	Styrene	775	U
75-25-2	Bromoform	1940	U
98-82-8	Isopropylbenzene (Cumene)	775	U
108-86-1	Bromobenzene	775	U
79-34-5	1,1,2,2-Tetrachloroethane	775	U
96-18-4	1,2,3-Trichloropropane	775	U
103-65-1	n-Propylbenzene	775	U
95-49-8	2-Chlorotoluene	775	U
106-43-4	4-Chlorotoluene	775	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815 Lab File ID: 46815M.D

Sample wt/vol: 1.29 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2219

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	775	U
98-06-6	tert-Butylbenzene	775	U
95-63-6	1,2,4-Trimethylbenzene	775	U
135-98-8	sec-Butylbenzene	775	U
541-73-1	1,3-Dichlorobenzene	775	U
106-46-7	1,4-Dichlorobenzene	775	U
99-87-6	4-Isopropyltoluene	775	U
104-51-8	n-Butylbenzene	175	J
95-50-1	1,2-Dichlorobenzene	775	U
96-12-8	1,2-Dibromo-3-chloropropane	3880	U
120-82-1	1,2,4-Trichlorobenzene	775	U
87-68-3	Hexachlorobutadiene	1160	U
91-20-3	Naphthalene	419	J
87-61-6	1,2,3-Trichlorobenzene	775	U
1634-04-4	MTBE	775	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD18

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816 Lab File ID: 46816M.D

Sample wt/vol: 1.23 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2242

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	813	U
74-87-3	Chloromethane	813	U
75-01-4	Vinyl chloride	813	U
74-83-9	Bromomethane	813	U
75-00-3	Chloroethane	2030	U
75-69-4	Trichlorofluoromethane	813	U
75-35-4	1,1-Dichloroethene	813	U
107-02-8	Acrolein	10200	U
74-88-4	Methyl iodide	813	U
75-15-0	Carbon disulfide	813	U
75-09-2	Methylene chloride	2030	U
156-60-5	trans-1,2-Dichloroethene	813	U
107-13-1	Acrylonitrile	2030	U
75-34-3	1,1-Dichloroethane	813	U
67-64-1	Acetone	8090	
594-20-7	2,2-Dichloropropane	813	U
156-59-2	cis-1,2-Dichloroethene	813	U
74-97-5	Bromochloromethane	813	U
78-93-3	2-Butanone	4060	U
67-66-3	Chloroform	813	U
71-55-6	1,1,1-Trichloroethane	813	U
56-23-5	Carbon tetrachloride	813	U
563-58-6	1,1-Dichloropropene	813	U
71-43-2	Benzene	813	U
107-06-2	1,2-Dichloroethane	813	U
79-01-6	Trichloroethene	813	U
108-05-4	Vinyl acetate	1630	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD18

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816 Lab File ID: 46816M.D

Sample wt/vol: 1.23 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2242

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	813	U
74-95-3	Dibromomethane	813	U
75-27-4	Bromodichloromethane	813	U
10061-01-5	cis-1,3-Dichloropropene	813	U
108-10-1	4-Methyl-2-pentanone	1630	U
108-88-3	Toluene	3690	
10061-02-6	trans-1,3-Dichloropropene	813	U
79-00-5	1,1,2-Trichloroethane	813	U
127-18-4	Tetrachloroethene	2030	U
142-28-9	1,3-Dichloropropane	813	U
591-78-6	2-Hexanone	1630	U
124-48-1	Dibromochloromethane	813	U
106-93-4	1,2-Dibromoethane(EDB)	813	U
108-90-7	Chlorobenzene	813	U
630-20-6	1,1,1,2-Tetrachloroethane	813	U
100-41-4	Ethylbenzene	2660	
511-39-00	p,m-Xylene	10100	
95-47-6	o-Xylene	4280	
100-42-5	Styrene	813	U
75-25-2	Bromoform	2030	U
98-82-8	Isopropylbenzene (Cumene)	636	J
108-86-1	Bromobenzene	813	U
79-34-5	1,1,2,2-Tetrachloroethane	813	U
96-18-4	1,2,3-Trichloropropane	813	U
103-65-1	n-Propylbenzene	511	J
95-49-8	2-Chlorotoluene	813	U
106-43-4	4-Chlorotoluene	813	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD18

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816 Lab File ID: 46816M.D

Sample wt/vol: 1.23 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2242

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	813	U
98-06-6	tert-Butylbenzene	813	U
95-63-6	1,2,4-Trimethylbenzene	813	U
135-98-8	sec-Butylbenzene	813	U
541-73-1	1,3-Dichlorobenzene	813	U
106-46-7	1,4-Dichlorobenzene	813	U
99-87-6	4-Isopropyltoluene	813	U
104-51-8	n-Butylbenzene	813	U
95-50-1	1,2-Dichlorobenzene	813	U
96-12-8	1,2-Dibromo-3-chloropropane	4060	U
120-82-1	1,2,4-Trichlorobenzene	813	U
87-68-3	Hexachlorobutadiene	1220	U
91-20-3	Naphthalene	813	U
87-61-6	1,2,3-Trichlorobenzene	813	U
1634-04-4	MTBE	813	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD191

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817 Lab File ID: 46817M.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2306

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	571	U
74-87-3	Chloromethane	571	U
75-01-4	Vinyl chloride	571	U
74-83-9	Bromomethane	571	U
75-00-3	Chloroethane	1430	U
75-69-4	Trichlorofluoromethane	571	U
75-35-4	1,1-Dichloroethene	571	U
107-02-8	Acrolein	7140	U
74-88-4	Methyl iodide	571	U
75-15-0	Carbon disulfide	571	U
75-09-2	Methylene chloride	1430	U
156-60-5	trans-1,2-Dichloroethene	571	U
107-13-1	Acrylonitrile	1430	U
75-34-3	1,1-Dichloroethane	571	U
67-64-1	Acetone	2860	U
594-20-7	2,2-Dichloropropane	571	U
156-59-2	cis-1,2-Dichloroethene	571	U
74-97-5	Bromochloromethane	571	U
78-93-3	2-Butanone	2860	U
67-66-3	Chloroform	571	U
71-55-6	1,1,1-Trichloroethane	571	U
56-23-5	Carbon tetrachloride	571	U
563-58-6	1,1-Dichloropropene	571	U
71-43-2	Benzene	1970	
107-06-2	1,2-Dichloroethane	571	U
79-01-6	Trichloroethene	571	U
108-05-4	Vinyl acetate	1140	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD191

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817 Lab File ID: 46817M.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2306

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	571	U
74-95-3	Dibromomethane	571	U
75-27-4	Bromodichloromethane	571	U
10061-01-5	cis-1,3-Dichloropropene	571	U
108-10-1	4-Methyl-2-pentanone	775	J
108-88-3	Toluene	4320	
10061-02-6	trans-1,3-Dichloropropene	571	U
79-00-5	1,1,2-Trichloroethane	571	U
127-18-4	Tetrachloroethene	1430	U
142-28-9	1,3-Dichloropropane	571	U
591-78-6	2-Hexanone	1140	U
124-48-1	Dibromochloromethane	571	U
106-93-4	1,2-Dibromoethane(EDB)	571	U
108-90-7	Chlorobenzene	571	U
630-20-6	1,1,1,2-Tetrachloroethane	571	U
100-41-4	Ethylbenzene	274	J
511-39-00	p,m-Xylene	891	J
95-47-6	o-Xylene	583	
100-42-5	Styrene	571	U
75-25-2	Bromoform	1430	U
98-82-8	Isopropylbenzene (Cumene)	571	U
108-86-1	Bromobenzene	571	U
79-34-5	1,1,2,2-Tetrachloroethane	571	U
96-18-4	1,2,3-Trichloropropane	571	U
103-65-1	n-Propylbenzene	118	J
95-49-8	2-Chlorotoluene	571	U
106-43-4	4-Chlorotoluene	571	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD191

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817 Lab File ID: 46817M.D

Sample wt/vol: 1.75 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 2306

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	195	J
98-06-6	tert-Butylbenzene	571	U
95-63-6	1,2,4-Trimethylbenzene	790	
135-98-8	sec-Butylbenzene	571	U
541-73-1	1,3-Dichlorobenzene	571	U
106-46-7	1,4-Dichlorobenzene	571	U
99-87-6	4-Isopropyltoluene	571	U
104-51-8	n-Butylbenzene	201	J
95-50-1	1,2-Dichlorobenzene	571	U
96-12-8	1,2-Dibromo-3-chloropropane	2860	U
120-82-1	1,2,4-Trichlorobenzene	571	U
87-68-3	Hexachlorobutadiene	857	U
91-20-3	Naphthalene	715	
87-61-6	1,2,3-Trichlorobenzene	571	U
1634-04-4	MTBE	571	U

QC Summary

180907 1005

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 090507BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1625

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 090507BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1625

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090507BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 090507BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/05/07 Time: 1625

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 090607BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0753

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 090607BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0753

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 090607BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0753

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090507LCSA32

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1820	91.0		30.0	45 - 128
Chloromethane	2000	1960	98.0		30.0	70 - 130
Vinyl chloride	2000	2040	102.0		30.0	70 - 130
Bromomethane	2000	2010	100.0		30.0	39 - 148
Chloroethane	2000	2120	106.0		30.0	55 - 139
Trichlorofluoromethane	2000	1890	94.5		30.0	70 - 130
1,1-Dichloroethene	2000	2010	100.0		30.0	70 - 130
Acrolein	6000	4720	78.7		30.0	69 - 130
Methyl iodide	2000	2130	106.0		30.0	55 - 133
Carbon disulfide	2000	1920	96.0		30.0	65 - 130
Methylene chloride	2000	1930	96.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2010	100.0		30.0	70 - 130
Acrylonitrile	6000	5330	88.8		30.0	70 - 130
1,1-Dichloroethane	2000	1870	93.5		30.0	70 - 130
Acetone	6000	5000	83.3		30.0	58 - 133
2,2-Dichloropropane	2000	1770	88.5		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2080	104.0		30.0	70 - 130
Bromochloromethane	2000	1840	92.0		30.0	70 - 130
2-Butanone	6000	6030	100.0		30.0	70 - 130
Chloroform	2000	1830	91.5		30.0	70 - 130
1,1,1-Trichloroethane	2000	1950	97.5		30.0	70 - 130
Carbon tetrachloride	2000	2100	105.0		30.0	70 - 130
1,1-Dichloropropene	2000	2000	100.0		30.0	70 - 130
Benzene	2000	2000	100.0		30.0	70 - 130
1,2-Dichloroethane	2000	1970	98.5		30.0	70 - 130
Trichloroethene	2000	1950	97.5		30.0	70 - 130
Vinyl acetate	2000	1880	94.0		30.0	70 - 130
1,2-Dichloropropane	2000	1950	97.5		30.0	70 - 130
Dibromomethane	2000	2060	103.0		30.0	70 - 130
Bromodichloromethane	2000	1970	98.5		30.0	70 - 130
cis-1,3-Dichloropropene	2000	1940	97.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6970	116.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

180907 1005

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090507LCSA32

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	1790	89.5		30.0	70 - 130
trans-1,3-Dichloropropene	2000	1820	91.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	1820	91.0		30.0	70 - 130
Tetrachloroethene	2000	2000	100.0		30.0	70 - 130
1,3-Dichloropropane	2000	1860	93.0		30.0	70 - 130
2-Hexanone	6000	5640	94.0		30.0	70 - 130
Dibromochloromethane	2000	2080	104.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2010	100.0		30.0	70 - 130
Chlorobenzene	2000	2010	100.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2040	102.0		30.0	70 - 130
Ethylbenzene	2000	2020	101.0		30.0	70 - 130
p,m-Xylene	4000	4090	102.0		30.0	70 - 130
o-Xylene	2000	2040	102.0		30.0	70 - 130
Styrene	2000	2050	102.0		30.0	70 - 130
Bromoform	2000	2040	102.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2310	116.0		30.0	70 - 130
Bromobenzene	2000	1950	97.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2000	100.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2040	102.0		30.0	70 - 130
n-Propylbenzene	2000	2100	105.0		30.0	70 - 130
2-Chlorotoluene	2000	2080	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2040	102.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2120	106.0		30.0	70 - 130
tert-Butylbenzene	2000	2120	106.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2090	104.0		30.0	70 - 130
sec-Butylbenzene	2000	2090	104.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2030	102.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1990	99.5		30.0	70 - 130
4-Isopropyltoluene	2000	2120	106.0		30.0	70 - 130
n-Butylbenzene	2000	2070	104.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2160	108.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2070	104.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

180907 1005

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090507LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	2060	103.0		30.0	65 - 130
Hexachlorobutadiene	2000	2100	105.0		30.0	70 - 130
Naphthalene	2000	2000	100.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	2020	101.0		30.0	70 - 130
MTBE	2000	1820	91.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

180907 1005

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090607LCSA32

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1860	93.0		30.0	45 - 128
Chloromethane	2000	2020	101.0		30.0	70 - 130
Vinyl chloride	2000	2220	111.0		30.0	70 - 130
Bromomethane	2000	2020	101.0		30.0	39 - 148
Chloroethane	2000	2160	108.0		30.0	55 - 139
Trichlorofluoromethane	2000	1790	89.5		30.0	70 - 130
1,1-Dichloroethene	2000	2300	115.0		30.0	70 - 130
Acrolein	6000	6790	113.0		30.0	69 - 130
Methyl iodide	2000	2270	114.0		30.0	55 - 133
Carbon disulfide	2000	1960	98.0		30.0	65 - 130
Methylene chloride	2000	1970	98.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2130	106.0		30.0	70 - 130
Acrylonitrile	6000	6500	108.0		30.0	70 - 130
1,1-Dichloroethane	2000	2230	112.0		30.0	70 - 130
Acetone	6000	5500	91.7		30.0	58 - 133
2,2-Dichloropropane	2000	1780	89.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2200	110.0		30.0	70 - 130
Bromochloromethane	2000	2210	110.0		30.0	70 - 130
2-Butanone	6000	5580	93.0		30.0	70 - 130
Chloroform	2000	2090	104.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2030	102.0		30.0	70 - 130
Carbon tetrachloride	2000	2210	110.0		30.0	70 - 130
1,1-Dichloropropene	2000	1920	96.0		30.0	70 - 130
Benzene	2000	2050	102.0		30.0	70 - 130
1,2-Dichloroethane	2000	1930	96.5		30.0	70 - 130
Trichloroethene	2000	2070	104.0		30.0	70 - 130
Vinyl acetate	2000	1780	89.0		30.0	70 - 130
1,2-Dichloropropane	2000	2020	101.0		30.0	70 - 130
Dibromomethane	2000	2030	102.0		30.0	70 - 130
Bromodichloromethane	2000	1860	93.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2060	103.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6360	106.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

180907 1005

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2070	104.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2080	104.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2000	100.0		30.0	70 - 130
Tetrachloroethene	2000	2110	106.0		30.0	70 - 130
1,3-Dichloropropane	2000	2030	102.0		30.0	70 - 130
2-Hexanone	6000	6900	115.0		30.0	70 - 130
Dibromochloromethane	2000	2000	100.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2020	101.0		30.0	70 - 130
Chlorobenzene	2000	2000	100.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2060	103.0		30.0	70 - 130
Ethylbenzene	2000	2070	104.0		30.0	70 - 130
p,m-Xylene	4000	4150	104.0		30.0	70 - 130
o-Xylene	2000	2020	101.0		30.0	70 - 130
Styrene	2000	2100	105.0		30.0	70 - 130
Bromoform	2000	1880	94.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2170	108.0		30.0	70 - 130
Bromobenzene	2000	1970	98.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2020	101.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2020	101.0		30.0	70 - 130
n-Propylbenzene	2000	2120	106.0		30.0	70 - 130
2-Chlorotoluene	2000	2090	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2070	104.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2080	104.0		30.0	70 - 130
tert-Butylbenzene	2000	2080	104.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2050	102.0		30.0	70 - 130
sec-Butylbenzene	2000	2110	106.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1980	99.0		30.0	70 - 130
4-Isopropyltoluene	2000	2050	102.0		30.0	70 - 130
n-Butylbenzene	2000	2070	104.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1830	91.5		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

180907 1005

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1880	94.0		30.0	65 - 130
Hexachlorobutadiene	2000	1930	96.5		30.0	70 - 130
Naphthalene	2000	1890	94.5		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1830	91.5		30.0	70 - 130
MTBE	2000	1770	88.5		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

180907 1005

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

180907 1006

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: The following samples were prepped out of hold: NPPD10RE1, NPPD11RE1, NPPD12RE1, NPPD13RE1, NPPD14RE1, NPPD15RE1, NPPD160RE1, NPPD162RE1, NPPD164RE1, NPPD165RE1, NPPD16RE1, NPPD173RE1, NPPD18RE1, NPPD191RE1, NPPD21RE1, NPPD35RE1, NPPD36RE1

Samples were re-extracted due to quality control issues in the original analysis. Both sets of data are reported

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B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 3,3'-Dichlorobenzidine, 4-Nitroaniline, 4-Nitrophenol, Benzo(g,h,i)perylene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene. The low calibration standard is 1300 UG/KG for the following analyte(s): 4-Nitroaniline.

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample 3418BLK was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 123 % with criteria of (30-115), Phenol-d5 at 119 % with criteria of (24-113).

Sample 3418LCS was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 127 % with criteria of (30-115), 2-Fluorophenol at 126 % with criteria of (25-121), Phenol-d5 at 122 % with criteria of (24-113).

Sample 3453BLK was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0.5 % with criteria of (19-122).

Sample NPPD10 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 2.9 % with criteria of (19-122) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 120 % with criteria of (30-115).

Sample NPPD10RE1 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 3 % with criteria of (19-122), Phenol-d5 at 21 % with criteria of (24-113).

Sample NPPD11 was recovered below criteria for the following surrogate(s): Phenol-d5 at 19.6 % with criteria of (24-113).

Sample NPPD13 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 120 % with criteria of (30-115).

Sample NPPD14 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 118 % with criteria of (30-115).

Sample NPPD160 was recovered below criteria for the following surrogate(s): Phenol-d5 at 4.1 % with criteria of (24-113) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 119 % with criteria of (30-115).

Sample NPPD160RE1 was recovered below criteria for the following surrogate(s): Phenol-d5 at 3 % with criteria of (24-113).

Sample NPPD162 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 116 % with criteria of (30-115).

Sample NPPD165RE1 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 23.2 % with criteria of (25-121).

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

Sample NPPD18 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 127 % with criteria of (30-115), Phenol-d5 at 121 % with criteria of (24-113).

Sample NPPD191 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 119 % with criteria of (30-115).

Sample NPPD35 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 123 % with criteria of (30-115), Phenol-d5 at 116 % with criteria of (24-113).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPPD11 NPPD11RE1 NPPD12 NPPD12RE1 NPPD13 NPPD14 NPPD15 NPPD16 NPPD160 NPPD160RE1 NPPD162 NPPD164 NPPD164RE1 NPPD165 NPPD165RE1 NPPD173 NPPD173RE1 NPPD191 NPPD191RE1 NPPD21 NPPD21RE1

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3418LCS was analyzed with the soil samples extracted on 09/06/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), and the following analyte(s) were recovered above criteria: 2,4,6-Trichlorophenol at 115 % with criteria of (62-110), 2,4-Dinitrotoluene at 121 % with criteria of (77-115), 3,3'-Dichlorobenzidine at 144 % with criteria of (41-130), 4-Chloro-3-methylphenol at 117 % with criteria of (62-115), 4-Methylphenol at 108 % with criteria of (57-105), Aniline at 146 % with criteria of (47-140), Benzo(k)fluoranthene at 131 % with criteria of (53-125), Bis(2-Chloroethoxy)methane at 114 % with criteria of (70-110), Bis(2-Chloroethyl)ether at 112 % with criteria of (61-105), bis(2-ethylhexyl)phthalate at 127 % with criteria of (65-125 Pyrene at 129 % with criteria of (67-125). The following analyte(s) had marginal exceedance limit failures: 1,2,4-Trichlorobenzene at 130 % with criteria of (64.5-116.5), 1,2-Dichlorobenzene at 137 % with criteria of (60-100), 1,3-Dichlorobenzene at 135 % with criteria of (61.5-105.5), 1,4-Dichlorobenzene at 140 % with criteria of (54.8-112.2), 2,2-Oxybis(1-chloropropane) at 143 % with criteria of (41.5-125.5), 2,4-Dichlorophenol at 124 % with criteria of (56.3-117.7), 2,4-Dimethylphenol at 123 % with criteria of (58.3-111.7), 2,4-Dinitrophenol at 0 % with criteria of (12.2-146.8), 2,6-Dinitrotoluene at 123 % with criteria of (66.8-116.2), 2-Chloronaphthalene at 132 % with criteria of (66.5-110.5), 2-Chlorophenol at 130 % with criteria of (45.5-113.5), 2-Methyl-4,6-dinitrophenol at 0 % with criteria of (17.2-151.8), 2-Methylnaphthalene at 136 % with criteria of (66.5-110.5), 2-

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

Methylphenol (o-Cresol) at 124 % with criteria of (50.2-112.8), 2-Nitrophenol at 120 % with criteria of (52.8-118.2), 3-Nitroaniline at 148 % with criteria of (70.3-115.7), 4-Bromophenyl-phenylether at 132 % with criteria of (49.7-124.3), 4-Chloroaniline at 124 % with criteria of (50.7-101.3), 4-Chlorophenyl-phenylether at 136 % with criteria of (57.5-117.5), 4-Nitroaniline at 234 % with criteria of (62.5-122.5), Acenaphthene at 130 % with criteria of (57.5-117.5), Acenaphthylene at 132 % with criteria of (59.5-111.5), Anthracene at 130 % with criteria of (60.7-111.3), Benzo(a)anthracene at 121 % with criteria of (59.8-117.2), Benzo(a)pyrene at 125 % with criteria of (51.7-118.3), Benzyl alcohol at 0 % with criteria of (53.8-135.2), Chrysene at 128 % with criteria of (57.5-117.5), Dibenzofuran at 138 % with criteria of (70-110), Diethylphthalate at 134 % with criteria of (60.2-122.8), Dimethyl-phthalate at 134 % with criteria of (62.2-116.8), Di-n-butylphthalate at 134 % with criteria of (59.8-117.2), Fluoranthene at 135 % with criteria of (67.2-121.8), Fluorene at 131 % with criteria of (59.8-117.2), Hexachlorobenzene at 132 % with criteria of (69.8-127.2), Hexachlorobutadiene at 126 % with criteria of (73-121), Hexachloroethane at 135 % with criteria of (57.5-117.5), Isophorone at 118 % with criteria of (62.2-116.8), Naphthalene at 136 % with criteria of (60.7-111.3), Nitrobenzene at 138 % with criteria of (63.7-122.3), N-Nitrosodimethylamine at 145 % with criteria of (36.8-126.2), N-Nitroso-di-n-propylamine at 140 % with criteria of (49.7-124.3), N-Nitrosodiphenylamine at 144 % with criteria of (70.7-121.3), Phenanthrene at 131 % with criteria of (59.8-117.2), Phenol at 132 % with criteria of (37-109).

LCS 3453LCS was analyzed with the soil samples extracted on 09/13/07. The following analyte(s) were recovered below criteria: 3,3'-Dichlorobenzidine at 39.2 % with criteria of (41-130), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), Butylbenzylphthalate at 62.2 % with criteria of (66-125), Di-n-octylphthalate at 59.8 % with criteria of (64-130), N-Nitrosodimethylamine at 40.5 % with criteria of (48-115). and the following analyte(s) were recovered above criteria: 1,2,4-Trichlorobenzene at 114 % with criteria of (71-110), 1,2-Dichlorobenzene at 108 % with criteria of (65-95), 1,4-Dichlorobenzene at 106 % with criteria of (62-105), 2-Chloronaphthalene at 107 % with criteria of (72-105), 2-Methylnaphthalene at 110 % with criteria of (72-105), 4-Chlorophenyl-phenylether at 115 % with criteria of (65-110), Dibenzofuran at 107 % with criteria of (75-105), Hexachloroethane at 116 % with criteria of (65-110), Naphthalene at 109 % with criteria of (67-105). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 108 % with criteria of (60-100), 1,3-Dichlorobenzene at 110 % with criteria of (61.5-105.5), 2,4-Dinitrophenol at 0 % with criteria of (12.2-146.8), 2,4-Dinitrotoluene at 172 % with criteria of (70.7-121.3), 2,6-Dinitrotoluene at 220 % with criteria of (66.8-116.2), 2-Methyl-4,6-dinitrophenol at 9.1 % with criteria of (17.2-151.8), Benzyl alcohol at 26.8 % with criteria of (53.8-135.2).

Samples coded accordingly.

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

The recoveries are directly related to the final volume adjustment of 10mL for the LCS to demonstrate recoveries that would be found in the samples.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
The following samples were analyzed at a 1:10 dilution due to non-target analyte interference.
Sample NPPD10
Sample NPPD10 RE1
Sample NPPD11
Sample NPPD11 RE1
Sample NPPD12
Sample NPPD12 RE1
Sample NPPD13
Sample NPPD13 RE1
Sample NPPD14
Sample NPPD14 RE1
Sample NPPD15
Sample NPPD15 RE1
Sample NPPD16
Sample NPPD160
Sample NPPD160 RE1
Sample NPPD162
Sample NPPD162 RE1
Sample NPPD164
Sample NPPD164 RE1
Sample NPPD165
Sample NPPD165 RE1
Sample NPPD16 RE1
Sample NPPD173
Sample NPPD173 RE1
Sample NPPD18
Sample NPPD18 RE1
Sample NPPD191
Sample NPPD191 RE1
Sample NPPD21
Sample NPPD21 RE1
Sample NPPD35
Sample NPPD35 RE1

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

Sample NPPD36
Sample NPPD36 RE1

All samples were brought to a final volume of 10mL due to the nature of the samples.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/17/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Method: 8270

EPA Sample No	Lab Sample ID
NPPD165	250746801
NPPD165RE1	250746801RE1
NPPD13	250746802
NPPD13RE1	250746802RE1
NPPD14	250746803
NPPD14RE1	250746803RE1
NPPD15	250746804
NPPD15RE1	250746804RE1
NPPD16	250746805
NPPD16RE1	250746805RE1
NPPD162	250746806
NPPD162RE1	250746806RE1
NPPD164	250746807
NPPD164RE1	250746807RE1
NPPD173	250746808
NPPD173RE1	250746808RE1
NPPD160	250746809
NPPD160RE1	250746809RE1
NPPD12	250746810
NPPD12RE1	250746810RE1
NPPD11	250746811
NPPD11RE1	250746811RE1
NPPD35	250746812
NPPD35RE1	250746812RE1
NPPD36	250746813
NPPD36RE1	250746813RE1
NPPD10	250746814
NPPD10RE1	250746814RE1
NPPD21	250746815
NPPD21RE1	250746815RE1
NPPD18	250746816

180907 1006

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Method: 8270

EPA Sample No	Lab Sample ID
NPPD18RE1	250746816RE1
NPPD191	250746817
NPPD191RE1	250746817RE1

180907 1006

Sample Data

180907 1006

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD165

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801 Lab File ID: 468-01DT.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1747

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	389000	U
62-53-3	Aniline	389000	U
111-44-4	Bis(2-Chloroethyl)ether	389000	U
108-95-2	Phenol	217000	J
95-57-8	2-Chlorophenol	389000	U
541-73-1	1,3-Dichlorobenzene	389000	U
106-46-7	1,4-Dichlorobenzene	389000	U
95-50-1	1,2-Dichlorobenzene	389000	U
100-51-6	Benzyl alcohol	971000	U
108-60-1	2,2-Oxybis(1-chloropropane)	393000	U
95-48-7	2-Methylphenol (o-Cresol)	389000	U
67-72-1	Hexachloroethane	393000	U
621-64-7	N-Nitroso-di-n-propylamine	389000	U
106-44-5	4-Methylphenol	389000	U
98-95-3	Nitrobenzene	389000	U
78-59-1	Isophorone	389000	U
88-75-5	2-Nitrophenol	389000	U
105-67-9	2,4-Dimethylphenol	389000	U
65-85-0	Benzoic acid	1940000	U
111-91-1	Bis(2-Chloroethoxy)methane	389000	U
120-83-2	2,4-Dichlorophenol	389000	U
120-82-1	1,2,4-Trichlorobenzene	389000	U
91-20-3	Naphthalene	389000	U
106-47-8	4-Chloroaniline	389000	U
91-57-6	2-Methylnaphthalene	389000	U
87-68-3	Hexachlorobutadiene	389000	U
59-50-7	4-Chloro-3-methylphenol	389000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD165

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801 Lab File ID: 468-01DT.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1747

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	389000	U
77-47-4	Hexachlorocyclopentadiene	971000	U
88-06-2	2,4,6-Trichlorophenol	389000	U
95-95-4	2,4,5-Trichlorophenol	389000	U
91-58-7	2-Chloronaphthalene	393000	U
88-74-4	2-Nitroaniline	389000	U
208-96-8	Acenaphthylene	389000	U
131-11-3	Dimethyl-phthalate	389000	U
606-20-2	2,6-Dinitrotoluene	389000	U
83-32-9	Acenaphthene	389000	U
99-09-2	3-Nitroaniline	389000	U
51-28-5	2,4-Dinitrophenol	1950000	U
132-64-9	Dibenzofuran	389000	U
121-14-2	2,4-Dinitrotoluene	389000	U
100-02-7	4-Nitrophenol	971000	U
86-73-7	Fluorene	389000	U
7005-72-3	4-Chlorophenyl-phenylether	389000	U
84-66-2	Diethylphthalate	389000	U
100-01-6	4-Nitroaniline	389000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1940000	U
86-30-6	N-Nitrosodiphenylamine	389000	U
101-55-3	4-Bromophenyl-phenylether	389000	U
118-74-1	Hexachlorobenzene	389000	U
87-86-5	Pentachlorophenol	1940000	U
85-01-8	Phenanthrene	389000	U
120-12-7	Anthracene	389000	U
84-74-2	Di-n-butylphthalate	389000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD165

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801 Lab File ID: 468-01DT.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1747

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	389000	U
129-00-0	Pyrene	389000	U
92-87-5	Benzidine	976000	U
85-68-7	Butylbenzylphthalate	389000	U
91-94-1	3,3'-Dichlorobenzidine	389000	U
56-55-3	Benzo(a)anthracene	389000	U
218-01-9	Chrysene	389000	U
117-81-7	bis(2-ethylhexyl)phthalate	389000	U
117-84-0	Di-n-octylphthalate	389000	U
205-99-2	Benzo(b)fluoranthene	389000	U
207-08-9	Benzo(k)fluoranthene	389000	U
50-32-8	Benzo(a)pyrene	389000	U
193-39-5	Indeno(1,2,3-cd)pyrene	389000	U
53-70-3	Dibenz(a,h)anthracene	389000	U
191-24-2	Benzo(g,h,i)perylene	389000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD165RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801RE1 Lab File ID: 468-01.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2347

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	67300	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD165RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801RE1 Lab File ID: 468-01.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2347

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD165RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801RE1 Lab File ID: 468-01.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2347

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802 Lab File ID: 468-02DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1820

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	172000	J
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	174000	J
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802 Lab File ID: 468-02DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1820

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	338000	J
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	104000	J
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802 Lab File ID: 468-02DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1820

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	63100	J
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD13RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802RE1 Lab File ID: 468-02.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1622

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	137000	J
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	152000	J
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD13RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802RE1 Lab File ID: 468-02.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1622

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	276000	J
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	79400	J
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD13RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802RE1 Lab File ID: 468-02.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1622

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	63000	J
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803 Lab File ID: 468-03DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1852

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	393000	U
62-53-3	Aniline	393000	U
111-44-4	Bis(2-Chloroethyl)ether	393000	U
108-95-2	Phenol	1960000	U
95-57-8	2-Chlorophenol	393000	U
541-73-1	1,3-Dichlorobenzene	393000	U
106-46-7	1,4-Dichlorobenzene	393000	U
95-50-1	1,2-Dichlorobenzene	393000	U
100-51-6	Benzyl alcohol	981000	U
108-60-1	2,2-Oxybis(1-chloropropane)	397000	U
95-48-7	2-Methylphenol (o-Cresol)	393000	U
67-72-1	Hexachloroethane	397000	U
621-64-7	N-Nitroso-di-n-propylamine	393000	U
106-44-5	4-Methylphenol	393000	U
98-95-3	Nitrobenzene	393000	U
78-59-1	Isophorone	393000	U
88-75-5	2-Nitrophenol	393000	U
105-67-9	2,4-Dimethylphenol	393000	U
65-85-0	Benzoic acid	1960000	U
111-91-1	Bis(2-Chloroethoxy)methane	393000	U
120-83-2	2,4-Dichlorophenol	393000	U
120-82-1	1,2,4-Trichlorobenzene	393000	U
91-20-3	Naphthalene	393000	U
106-47-8	4-Chloroaniline	393000	U
91-57-6	2-Methylnaphthalene	393000	U
87-68-3	Hexachlorobutadiene	393000	U
59-50-7	4-Chloro-3-methylphenol	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803 Lab File ID: 468-03DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1852

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	393000	U
77-47-4	Hexachlorocyclopentadiene	981000	U
88-06-2	2,4,6-Trichlorophenol	393000	U
95-95-4	2,4,5-Trichlorophenol	393000	U
91-58-7	2-Chloronaphthalene	397000	U
88-74-4	2-Nitroaniline	393000	U
208-96-8	Acenaphthylene	393000	U
131-11-3	Dimethyl-phthalate	393000	U
606-20-2	2,6-Dinitrotoluene	393000	U
83-32-9	Acenaphthene	393000	U
99-09-2	3-Nitroaniline	393000	U
51-28-5	2,4-Dinitrophenol	1970000	U
132-64-9	Dibenzofuran	393000	U
121-14-2	2,4-Dinitrotoluene	393000	U
100-02-7	4-Nitrophenol	981000	U
86-73-7	Fluorene	393000	U
7005-72-3	4-Chlorophenyl-phenylether	393000	U
84-66-2	Diethylphthalate	393000	U
100-01-6	4-Nitroaniline	393000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1960000	U
86-30-6	N-Nitrosodiphenylamine	393000	U
101-55-3	4-Bromophenyl-phenylether	393000	U
118-74-1	Hexachlorobenzene	393000	U
87-86-5	Pentachlorophenol	1960000	U
85-01-8	Phenanthrene	393000	U
120-12-7	Anthracene	393000	U
84-74-2	Di-n-butylphthalate	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803 Lab File ID: 468-03DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1852

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	393000	U
129-00-0	Pyrene	393000	U
92-87-5	Benzidine	985000	U
85-68-7	Butylbenzylphthalate	393000	U
91-94-1	3,3'-Dichlorobenzidine	393000	U
56-55-3	Benzo(a)anthracene	393000	U
218-01-9	Chrysene	393000	U
117-81-7	bis(2-ethylhexyl)phthalate	393000	U
117-84-0	Di-n-octylphthalate	393000	U
205-99-2	Benzo(b)fluoranthene	393000	U
207-08-9	Benzo(k)fluoranthene	393000	U
50-32-8	Benzo(a)pyrene	393000	U
193-39-5	Indeno(1,2,3-cd)pyrene	393000	U
53-70-3	Dibenz(a,h)anthracene	393000	U
191-24-2	Benzo(g,h,i)perylene	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD14RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803RE1 Lab File ID: 468-03.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1655

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD14RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803RE1 Lab File ID: 468-03.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1655

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD14RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803RE1 Lab File ID: 468-03.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1655

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804 Lab File ID: 468-04DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1924

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	396000	U
62-53-3	Aniline	396000	U
111-44-4	Bis(2-Chloroethyl)ether	396000	U
108-95-2	Phenol	1980000	U
95-57-8	2-Chlorophenol	396000	U
541-73-1	1,3-Dichlorobenzene	396000	U
106-46-7	1,4-Dichlorobenzene	396000	U
95-50-1	1,2-Dichlorobenzene	396000	U
100-51-6	Benzyl alcohol	990000	U
108-60-1	2,2-Oxybis(1-chloropropane)	401000	U
95-48-7	2-Methylphenol (o-Cresol)	396000	U
67-72-1	Hexachloroethane	401000	U
621-64-7	N-Nitroso-di-n-propylamine	396000	U
106-44-5	4-Methylphenol	396000	U
98-95-3	Nitrobenzene	396000	U
78-59-1	Isophorone	396000	U
88-75-5	2-Nitrophenol	396000	U
105-67-9	2,4-Dimethylphenol	396000	U
65-85-0	Benzoic acid	1980000	U
111-91-1	Bis(2-Chloroethoxy)methane	396000	U
120-83-2	2,4-Dichlorophenol	396000	U
120-82-1	1,2,4-Trichlorobenzene	396000	U
91-20-3	Naphthalene	396000	U
106-47-8	4-Chloroaniline	396000	U
91-57-6	2-Methylnaphthalene	396000	U
87-68-3	Hexachlorobutadiene	396000	U
59-50-7	4-Chloro-3-methylphenol	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804 Lab File ID: 468-04DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1924

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	396000	U
77-47-4	Hexachlorocyclopentadiene	990000	U
88-06-2	2,4,6-Trichlorophenol	396000	U
95-95-4	2,4,5-Trichlorophenol	396000	U
91-58-7	2-Chloronaphthalene	401000	U
88-74-4	2-Nitroaniline	396000	U
208-96-8	Acenaphthylene	396000	U
131-11-3	Dimethyl-phthalate	396000	U
606-20-2	2,6-Dinitrotoluene	396000	U
83-32-9	Acenaphthene	396000	U
99-09-2	3-Nitroaniline	396000	U
51-28-5	2,4-Dinitrophenol	1990000	U
132-64-9	Dibenzofuran	396000	U
121-14-2	2,4-Dinitrotoluene	396000	U
100-02-7	4-Nitrophenol	990000	U
86-73-7	Fluorene	396000	U
7005-72-3	4-Chlorophenyl-phenylether	396000	U
84-66-2	Diethylphthalate	396000	U
100-01-6	4-Nitroaniline	396000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1980000	U
86-30-6	N-Nitrosodiphenylamine	396000	U
101-55-3	4-Bromophenyl-phenylether	396000	U
118-74-1	Hexachlorobenzene	396000	U
87-86-5	Pentachlorophenol	1980000	U
85-01-8	Phenanthrene	396000	U
120-12-7	Anthracene	396000	U
84-74-2	Di-n-butylphthalate	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804 Lab File ID: 468-04DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1924

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	396000	U
129-00-0	Pyrene	396000	U
92-87-5	Benzidine	995000	U
85-68-7	Butylbenzylphthalate	396000	U
91-94-1	3,3'-Dichlorobenzidine	396000	U
56-55-3	Benzo(a)anthracene	396000	U
218-01-9	Chrysene	396000	U
117-81-7	bis(2-ethylhexyl)phthalate	396000	U
117-84-0	Di-n-octylphthalate	396000	U
205-99-2	Benzo(b)fluoranthene	396000	U
207-08-9	Benzo(k)fluoranthene	396000	U
50-32-8	Benzo(a)pyrene	396000	U
193-39-5	Indeno(1,2,3-cd)pyrene	396000	U
53-70-3	Dibenz(a,h)anthracene	396000	U
191-24-2	Benzo(g,h,i)perylene	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD15RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804RE1 Lab File ID: 468-04.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1727

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD15RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804RE1 Lab File ID: 468-04.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1727

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD15RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804RE1 Lab File ID: 468-04.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1727

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805 Lab File ID: 468-05DT.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1956

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	389000	U
62-53-3	Aniline	389000	U
111-44-4	Bis(2-Chloroethyl)ether	389000	U
108-95-2	Phenol	1940000	U
95-57-8	2-Chlorophenol	389000	U
541-73-1	1,3-Dichlorobenzene	389000	U
106-46-7	1,4-Dichlorobenzene	389000	U
95-50-1	1,2-Dichlorobenzene	389000	U
100-51-6	Benzyl alcohol	971000	U
108-60-1	2,2-Oxybis(1-chloropropane)	393000	U
95-48-7	2-Methylphenol (o-Cresol)	389000	U
67-72-1	Hexachloroethane	393000	U
621-64-7	N-Nitroso-di-n-propylamine	389000	U
106-44-5	4-Methylphenol	389000	U
98-95-3	Nitrobenzene	389000	U
78-59-1	Isophorone	389000	U
88-75-5	2-Nitrophenol	389000	U
105-67-9	2,4-Dimethylphenol	389000	U
65-85-0	Benzoic acid	1940000	U
111-91-1	Bis(2-Chloroethoxy)methane	389000	U
120-83-2	2,4-Dichlorophenol	389000	U
120-82-1	1,2,4-Trichlorobenzene	389000	U
91-20-3	Naphthalene	389000	U
106-47-8	4-Chloroaniline	389000	U
91-57-6	2-Methylnaphthalene	389000	U
87-68-3	Hexachlorobutadiene	389000	U
59-50-7	4-Chloro-3-methylphenol	389000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805 Lab File ID: 468-05DT.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1956

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	389000	U
77-47-4	Hexachlorocyclopentadiene	971000	U
88-06-2	2,4,6-Trichlorophenol	389000	U
95-95-4	2,4,5-Trichlorophenol	389000	U
91-58-7	2-Chloronaphthalene	393000	U
88-74-4	2-Nitroaniline	389000	U
208-96-8	Acenaphthylene	389000	U
131-11-3	Dimethyl-phthalate	389000	U
606-20-2	2,6-Dinitrotoluene	389000	U
83-32-9	Acenaphthene	389000	U
99-09-2	3-Nitroaniline	389000	U
51-28-5	2,4-Dinitrophenol	1950000	U
132-64-9	Dibenzofuran	389000	U
121-14-2	2,4-Dinitrotoluene	389000	U
100-02-7	4-Nitrophenol	971000	U
86-73-7	Fluorene	389000	U
7005-72-3	4-Chlorophenyl-phenylether	389000	U
84-66-2	Diethylphthalate	389000	U
100-01-6	4-Nitroaniline	389000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1940000	U
86-30-6	N-Nitrosodiphenylamine	389000	U
101-55-3	4-Bromophenyl-phenylether	389000	U
118-74-1	Hexachlorobenzene	389000	U
87-86-5	Pentachlorophenol	1940000	U
85-01-8	Phenanthrene	389000	U
120-12-7	Anthracene	389000	U
84-74-2	Di-n-butylphthalate	389000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805 Lab File ID: 468-05DT.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1956

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	389000	U
129-00-0	Pyrene	389000	U
92-87-5	Benzidine	976000	U
85-68-7	Butylbenzylphthalate	389000	U
91-94-1	3,3'-Dichlorobenzidine	389000	U
56-55-3	Benzo(a)anthracene	389000	U
218-01-9	Chrysene	389000	U
117-81-7	bis(2-ethylhexyl)phthalate	389000	U
117-84-0	Di-n-octylphthalate	389000	U
205-99-2	Benzo(b)fluoranthene	389000	U
207-08-9	Benzo(k)fluoranthene	389000	U
50-32-8	Benzo(a)pyrene	389000	U
193-39-5	Indeno(1,2,3-cd)pyrene	389000	U
53-70-3	Dibenz(a,h)anthracene	389000	U
191-24-2	Benzo(g,h,i)perylene	389000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD16RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805RE1 Lab File ID: 468-05.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1759

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD16RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805RE1 Lab File ID: 468-05.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1759

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD16RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805RE1 Lab File ID: 468-05.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1759

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD162

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806 Lab File ID: 468-06DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2028

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD162

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806 Lab File ID: 468-06DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2028

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD162

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806 Lab File ID: 468-06DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2028

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD162RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806RE1 Lab File ID: 468-06.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1831

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD162RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806RE1 Lab File ID: 468-06.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1831

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD162RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806RE1 Lab File ID: 468-06.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1831

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD164

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807 Lab File ID: 468-07DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2100

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	351000	U
62-53-3	Aniline	351000	U
111-44-4	Bis(2-Chloroethyl)ether	351000	U
108-95-2	Phenol	260000	J
95-57-8	2-Chlorophenol	351000	U
541-73-1	1,3-Dichlorobenzene	351000	U
106-46-7	1,4-Dichlorobenzene	351000	U
95-50-1	1,2-Dichlorobenzene	351000	U
100-51-6	Benzyl alcohol	878000	U
108-60-1	2,2-Oxybis(1-chloropropane)	355000	U
95-48-7	2-Methylphenol (o-Cresol)	351000	U
67-72-1	Hexachloroethane	355000	U
621-64-7	N-Nitroso-di-n-propylamine	351000	U
106-44-5	4-Methylphenol	351000	U
98-95-3	Nitrobenzene	351000	U
78-59-1	Isophorone	351000	U
88-75-5	2-Nitrophenol	351000	U
105-67-9	2,4-Dimethylphenol	351000	U
65-85-0	Benzoic acid	1760000	U
111-91-1	Bis(2-Chloroethoxy)methane	351000	U
120-83-2	2,4-Dichlorophenol	351000	U
120-82-1	1,2,4-Trichlorobenzene	351000	U
91-20-3	Naphthalene	351000	U
106-47-8	4-Chloroaniline	351000	U
91-57-6	2-Methylnaphthalene	351000	U
87-68-3	Hexachlorobutadiene	351000	U
59-50-7	4-Chloro-3-methylphenol	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD164

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807 Lab File ID: 468-07DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2100

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	351000	U
77-47-4	Hexachlorocyclopentadiene	878000	U
88-06-2	2,4,6-Trichlorophenol	351000	U
95-95-4	2,4,5-Trichlorophenol	351000	U
91-58-7	2-Chloronaphthalene	355000	U
88-74-4	2-Nitroaniline	351000	U
208-96-8	Acenaphthylene	351000	U
131-11-3	Dimethyl-phthalate	351000	U
606-20-2	2,6-Dinitrotoluene	351000	U
83-32-9	Acenaphthene	351000	U
99-09-2	3-Nitroaniline	351000	U
51-28-5	2,4-Dinitrophenol	1760000	U
132-64-9	Dibenzofuran	351000	U
121-14-2	2,4-Dinitrotoluene	351000	U
100-02-7	4-Nitrophenol	878000	U
86-73-7	Fluorene	351000	U
7005-72-3	4-Chlorophenyl-phenylether	351000	U
84-66-2	Diethylphthalate	351000	U
100-01-6	4-Nitroaniline	351000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1760000	U
86-30-6	N-Nitrosodiphenylamine	351000	U
101-55-3	4-Bromophenyl-phenylether	351000	U
118-74-1	Hexachlorobenzene	351000	U
87-86-5	Pentachlorophenol	1760000	U
85-01-8	Phenanthrene	351000	U
120-12-7	Anthracene	351000	U
84-74-2	Di-n-butylphthalate	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD164

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807 Lab File ID: 468-07DT.D

Sample wt/vol: 1.14 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2100

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	351000	U
129-00-0	Pyrene	351000	U
92-87-5	Benzidine	882000	U
85-68-7	Butylbenzylphthalate	351000	U
91-94-1	3,3'-Dichlorobenzidine	351000	U
56-55-3	Benzo(a)anthracene	351000	U
218-01-9	Chrysene	351000	U
117-81-7	bis(2-ethylhexyl)phthalate	351000	U
117-84-0	Di-n-octylphthalate	351000	U
205-99-2	Benzo(b)fluoranthene	351000	U
207-08-9	Benzo(k)fluoranthene	351000	U
50-32-8	Benzo(a)pyrene	351000	U
193-39-5	Indeno(1,2,3-cd)pyrene	351000	U
53-70-3	Dibenz(a,h)anthracene	351000	U
191-24-2	Benzo(g,h,i)perylene	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD164RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807RE1 Lab File ID: 468-07.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1903

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	275000	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD164RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807RE1 Lab File ID: 468-07.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1903

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD164RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807RE1 Lab File ID: 468-07.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1903

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD173

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808 Lab File ID: 468-08DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2133

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	410000	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD173

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808 Lab File ID: 468-08DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2133

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD173

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808 Lab File ID: 468-08DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2133

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD173RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808RE1 Lab File ID: 468-08.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1936

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	368000	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD173RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808RE1 Lab File ID: 468-08.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1936

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD173RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808RE1 Lab File ID: 468-08.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1936

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD160

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809 Lab File ID: 468-09DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2205

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	393000	U
62-53-3	Aniline	393000	U
111-44-4	Bis(2-Chloroethyl)ether	393000	U
108-95-2	Phenol	1960000	U
95-57-8	2-Chlorophenol	393000	U
541-73-1	1,3-Dichlorobenzene	393000	U
106-46-7	1,4-Dichlorobenzene	393000	U
95-50-1	1,2-Dichlorobenzene	393000	U
100-51-6	Benzyl alcohol	981000	U
108-60-1	2,2-Oxybis(1-chloropropane)	397000	U
95-48-7	2-Methylphenol (o-Cresol)	393000	U
67-72-1	Hexachloroethane	397000	U
621-64-7	N-Nitroso-di-n-propylamine	393000	U
106-44-5	4-Methylphenol	393000	U
98-95-3	Nitrobenzene	393000	U
78-59-1	Isophorone	393000	U
88-75-5	2-Nitrophenol	393000	U
105-67-9	2,4-Dimethylphenol	393000	U
65-85-0	Benzoic acid	1960000	U
111-91-1	Bis(2-Chloroethoxy)methane	393000	U
120-83-2	2,4-Dichlorophenol	393000	U
120-82-1	1,2,4-Trichlorobenzene	393000	U
91-20-3	Naphthalene	393000	U
106-47-8	4-Chloroaniline	393000	U
91-57-6	2-Methylnaphthalene	393000	U
87-68-3	Hexachlorobutadiene	393000	U
59-50-7	4-Chloro-3-methylphenol	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD160

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809 Lab File ID: 468-09DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2205

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	393000	U
77-47-4	Hexachlorocyclopentadiene	981000	U
88-06-2	2,4,6-Trichlorophenol	393000	U
95-95-4	2,4,5-Trichlorophenol	393000	U
91-58-7	2-Chloronaphthalene	397000	U
88-74-4	2-Nitroaniline	393000	U
208-96-8	Acenaphthylene	393000	U
131-11-3	Dimethyl-phthalate	393000	U
606-20-2	2,6-Dinitrotoluene	393000	U
83-32-9	Acenaphthene	393000	U
99-09-2	3-Nitroaniline	393000	U
51-28-5	2,4-Dinitrophenol	1970000	U
132-64-9	Dibenzofuran	393000	U
121-14-2	2,4-Dinitrotoluene	393000	U
100-02-7	4-Nitrophenol	981000	U
86-73-7	Fluorene	393000	U
7005-72-3	4-Chlorophenyl-phenylether	393000	U
84-66-2	Diethylphthalate	393000	U
100-01-6	4-Nitroaniline	393000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1960000	U
86-30-6	N-Nitrosodiphenylamine	393000	U
101-55-3	4-Bromophenyl-phenylether	393000	U
118-74-1	Hexachlorobenzene	393000	U
87-86-5	Pentachlorophenol	1960000	U
85-01-8	Phenanthrene	393000	U
120-12-7	Anthracene	393000	U
84-74-2	Di-n-butylphthalate	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD160

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809 Lab File ID: 468-09DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2205

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	393000	U
129-00-0	Pyrene	393000	U
92-87-5	Benzidine	985000	U
85-68-7	Butylbenzylphthalate	393000	U
91-94-1	3,3'-Dichlorobenzidine	393000	U
56-55-3	Benzo(a)anthracene	393000	U
218-01-9	Chrysene	393000	U
117-81-7	bis(2-ethylhexyl)phthalate	393000	U
117-84-0	Di-n-octylphthalate	393000	U
205-99-2	Benzo(b)fluoranthene	393000	U
207-08-9	Benzo(k)fluoranthene	393000	U
50-32-8	Benzo(a)pyrene	393000	U
193-39-5	Indeno(1,2,3-cd)pyrene	393000	U
53-70-3	Dibenz(a,h)anthracene	393000	U
191-24-2	Benzo(g,h,i)perylene	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD160RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809RE1 Lab File ID: 468-09.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2008

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD160RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809RE1 Lab File ID: 468-09.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2008

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD160RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809RE1 Lab File ID: 468-09.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2008

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810 Lab File ID: 468-10DT.D

Sample wt/vol: 1.04 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2237

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	385000	U
62-53-3	Aniline	385000	U
111-44-4	Bis(2-Chloroethyl)ether	385000	U
108-95-2	Phenol	1920000	U
95-57-8	2-Chlorophenol	385000	U
541-73-1	1,3-Dichlorobenzene	385000	U
106-46-7	1,4-Dichlorobenzene	385000	U
95-50-1	1,2-Dichlorobenzene	385000	U
100-51-6	Benzyl alcohol	962000	U
108-60-1	2,2-Oxybis(1-chloropropane)	389000	U
95-48-7	2-Methylphenol (o-Cresol)	385000	U
67-72-1	Hexachloroethane	389000	U
621-64-7	N-Nitroso-di-n-propylamine	385000	U
106-44-5	4-Methylphenol	385000	U
98-95-3	Nitrobenzene	385000	U
78-59-1	Isophorone	385000	U
88-75-5	2-Nitrophenol	385000	U
105-67-9	2,4-Dimethylphenol	385000	U
65-85-0	Benzoic acid	1920000	U
111-91-1	Bis(2-Chloroethoxy)methane	385000	U
120-83-2	2,4-Dichlorophenol	385000	U
120-82-1	1,2,4-Trichlorobenzene	385000	U
91-20-3	Naphthalene	385000	U
106-47-8	4-Chloroaniline	385000	U
91-57-6	2-Methylnaphthalene	385000	U
87-68-3	Hexachlorobutadiene	385000	U
59-50-7	4-Chloro-3-methylphenol	385000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810 Lab File ID: 468-10DT.D

Sample wt/vol: 1.04 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2237

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	385000	U
77-47-4	Hexachlorocyclopentadiene	962000	U
88-06-2	2,4,6-Trichlorophenol	385000	U
95-95-4	2,4,5-Trichlorophenol	385000	U
91-58-7	2-Chloronaphthalene	389000	U
88-74-4	2-Nitroaniline	385000	U
208-96-8	Acenaphthylene	385000	U
131-11-3	Dimethyl-phthalate	385000	U
606-20-2	2,6-Dinitrotoluene	385000	U
83-32-9	Acenaphthene	385000	U
99-09-2	3-Nitroaniline	385000	U
51-28-5	2,4-Dinitrophenol	1930000	U
132-64-9	Dibenzofuran	385000	U
121-14-2	2,4-Dinitrotoluene	385000	U
100-02-7	4-Nitrophenol	962000	U
86-73-7	Fluorene	385000	U
7005-72-3	4-Chlorophenyl-phenylether	385000	U
84-66-2	Diethylphthalate	385000	U
100-01-6	4-Nitroaniline	385000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1920000	U
86-30-6	N-Nitrosodiphenylamine	385000	U
101-55-3	4-Bromophenyl-phenylether	385000	U
118-74-1	Hexachlorobenzene	385000	U
87-86-5	Pentachlorophenol	1920000	U
85-01-8	Phenanthrene	385000	U
120-12-7	Anthracene	385000	U
84-74-2	Di-n-butylphthalate	385000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810 Lab File ID: 468-10DT.D

Sample wt/vol: 1.04 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2237

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	385000	U
129-00-0	Pyrene	385000	U
92-87-5	Benzidine	966000	U
85-68-7	Butylbenzylphthalate	385000	U
91-94-1	3,3'-Dichlorobenzidine	385000	U
56-55-3	Benzo(a)anthracene	385000	U
218-01-9	Chrysene	385000	U
117-81-7	bis(2-ethylhexyl)phthalate	385000	U
117-84-0	Di-n-octylphthalate	385000	U
205-99-2	Benzo(b)fluoranthene	385000	U
207-08-9	Benzo(k)fluoranthene	385000	U
50-32-8	Benzo(a)pyrene	385000	U
193-39-5	Indeno(1,2,3-cd)pyrene	385000	U
53-70-3	Dibenz(a,h)anthracene	385000	U
191-24-2	Benzo(g,h,i)perylene	385000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD12RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810RE1 Lab File ID: 468-10.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2040

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD12RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810RE1 Lab File ID: 468-10.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2040

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD12RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810RE1 Lab File ID: 468-10.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2040

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811 Lab File ID: 468-11DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2309

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	393000	U
62-53-3	Aniline	393000	U
111-44-4	Bis(2-Chloroethyl)ether	393000	U
108-95-2	Phenol	135000	J
95-57-8	2-Chlorophenol	393000	U
541-73-1	1,3-Dichlorobenzene	393000	U
106-46-7	1,4-Dichlorobenzene	393000	U
95-50-1	1,2-Dichlorobenzene	393000	U
100-51-6	Benzyl alcohol	981000	U
108-60-1	2,2-Oxybis(1-chloropropane)	397000	U
95-48-7	2-Methylphenol (o-Cresol)	393000	U
67-72-1	Hexachloroethane	397000	U
621-64-7	N-Nitroso-di-n-propylamine	393000	U
106-44-5	4-Methylphenol	393000	U
98-95-3	Nitrobenzene	393000	U
78-59-1	Isophorone	393000	U
88-75-5	2-Nitrophenol	393000	U
105-67-9	2,4-Dimethylphenol	393000	U
65-85-0	Benzoic acid	1960000	U
111-91-1	Bis(2-Chloroethoxy)methane	393000	U
120-83-2	2,4-Dichlorophenol	393000	U
120-82-1	1,2,4-Trichlorobenzene	393000	U
91-20-3	Naphthalene	393000	U
106-47-8	4-Chloroaniline	393000	U
91-57-6	2-Methylnaphthalene	393000	U
87-68-3	Hexachlorobutadiene	393000	U
59-50-7	4-Chloro-3-methylphenol	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811 Lab File ID: 468-11DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2309

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	393000	U
77-47-4	Hexachlorocyclopentadiene	981000	U
88-06-2	2,4,6-Trichlorophenol	393000	U
95-95-4	2,4,5-Trichlorophenol	393000	U
91-58-7	2-Chloronaphthalene	397000	U
88-74-4	2-Nitroaniline	393000	U
208-96-8	Acenaphthylene	393000	U
131-11-3	Dimethyl-phthalate	393000	U
606-20-2	2,6-Dinitrotoluene	393000	U
83-32-9	Acenaphthene	393000	U
99-09-2	3-Nitroaniline	393000	U
51-28-5	2,4-Dinitrophenol	1970000	U
132-64-9	Dibenzofuran	393000	U
121-14-2	2,4-Dinitrotoluene	393000	U
100-02-7	4-Nitrophenol	981000	U
86-73-7	Fluorene	393000	U
7005-72-3	4-Chlorophenyl-phenylether	393000	U
84-66-2	Diethylphthalate	393000	U
100-01-6	4-Nitroaniline	393000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1960000	U
86-30-6	N-Nitrosodiphenylamine	393000	U
101-55-3	4-Bromophenyl-phenylether	393000	U
118-74-1	Hexachlorobenzene	393000	U
87-86-5	Pentachlorophenol	1960000	U
85-01-8	Phenanthrene	393000	U
120-12-7	Anthracene	393000	U
84-74-2	Di-n-butylphthalate	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811 Lab File ID: 468-11DT.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2309

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	393000	U
129-00-0	Pyrene	393000	U
92-87-5	Benzidine	985000	U
85-68-7	Butylbenzylphthalate	393000	U
91-94-1	3,3'-Dichlorobenzidine	393000	U
56-55-3	Benzo(a)anthracene	393000	U
218-01-9	Chrysene	393000	U
117-81-7	bis(2-ethylhexyl)phthalate	393000	U
117-84-0	Di-n-octylphthalate	393000	U
205-99-2	Benzo(b)fluoranthene	393000	U
207-08-9	Benzo(k)fluoranthene	393000	U
50-32-8	Benzo(a)pyrene	393000	U
193-39-5	Indeno(1,2,3-cd)pyrene	393000	U
53-70-3	Dibenz(a,h)anthracene	393000	U
191-24-2	Benzo(g,h,i)perylene	393000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD11RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811RE1 Lab File ID: 468-11.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2112

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	140000	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD11RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811RE1 Lab File ID: 468-11.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2112

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD11RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811RE1 Lab File ID: 468-11.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2112

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD35

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812 Lab File ID: 468-12DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2341

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	471000	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD35

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812 Lab File ID: 468-12DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2341

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD35

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812 Lab File ID: 468-12DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 2341

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD35RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812RE1 Lab File ID: 468-12.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2144

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	471000	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD35RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812RE1 Lab File ID: 468-12.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2144

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD35RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812RE1 Lab File ID: 468-12.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2144

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813 Lab File ID: 468-13DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0014

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	5590000	
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813 Lab File ID: 468-13DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0014

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813 Lab File ID: 468-13DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0014

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD36RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813RE1 Lab File ID: 468-13.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2216

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	5680000	
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD36RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813RE1 Lab File ID: 468-13.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2216

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD36RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813RE1 Lab File ID: 468-13.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2216

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814 Lab File ID: 468-14DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0046

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	396000	U
62-53-3	Aniline	396000	U
111-44-4	Bis(2-Chloroethyl)ether	396000	U
108-95-2	Phenol	1980000	U
95-57-8	2-Chlorophenol	396000	U
541-73-1	1,3-Dichlorobenzene	396000	U
106-46-7	1,4-Dichlorobenzene	396000	U
95-50-1	1,2-Dichlorobenzene	396000	U
100-51-6	Benzyl alcohol	990000	U
108-60-1	2,2-Oxybis(1-chloropropane)	401000	U
95-48-7	2-Methylphenol (o-Cresol)	396000	U
67-72-1	Hexachloroethane	401000	U
621-64-7	N-Nitroso-di-n-propylamine	396000	U
106-44-5	4-Methylphenol	396000	U
98-95-3	Nitrobenzene	396000	U
78-59-1	Isophorone	396000	U
88-75-5	2-Nitrophenol	396000	U
105-67-9	2,4-Dimethylphenol	396000	U
65-85-0	Benzoic acid	1980000	U
111-91-1	Bis(2-Chloroethoxy)methane	396000	U
120-83-2	2,4-Dichlorophenol	396000	U
120-82-1	1,2,4-Trichlorobenzene	396000	U
91-20-3	Naphthalene	396000	U
106-47-8	4-Chloroaniline	396000	U
91-57-6	2-Methylnaphthalene	60500	J
87-68-3	Hexachlorobutadiene	396000	U
59-50-7	4-Chloro-3-methylphenol	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814 Lab File ID: 468-14DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0046

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	122000	J
77-47-4	Hexachlorocyclopentadiene	990000	U
88-06-2	2,4,6-Trichlorophenol	396000	U
95-95-4	2,4,5-Trichlorophenol	396000	U
91-58-7	2-Chloronaphthalene	401000	U
88-74-4	2-Nitroaniline	396000	U
208-96-8	Acenaphthylene	396000	U
131-11-3	Dimethyl-phthalate	396000	U
606-20-2	2,6-Dinitrotoluene	396000	U
83-32-9	Acenaphthene	396000	U
99-09-2	3-Nitroaniline	396000	U
51-28-5	2,4-Dinitrophenol	1990000	U
132-64-9	Dibenzofuran	396000	U
121-14-2	2,4-Dinitrotoluene	396000	U
100-02-7	4-Nitrophenol	990000	U
86-73-7	Fluorene	396000	U
7005-72-3	4-Chlorophenyl-phenylether	396000	U
84-66-2	Diethylphthalate	396000	U
100-01-6	4-Nitroaniline	396000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1980000	U
86-30-6	N-Nitrosodiphenylamine	396000	U
101-55-3	4-Bromophenyl-phenylether	396000	U
118-74-1	Hexachlorobenzene	396000	U
87-86-5	Pentachlorophenol	1980000	U
85-01-8	Phenanthrene	396000	U
120-12-7	Anthracene	396000	U
84-74-2	Di-n-butylphthalate	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814 Lab File ID: 468-14DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0046

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	396000	U
129-00-0	Pyrene	396000	U
92-87-5	Benzidine	995000	U
85-68-7	Butylbenzylphthalate	396000	U
91-94-1	3,3'-Dichlorobenzidine	396000	U
56-55-3	Benzo(a)anthracene	396000	U
218-01-9	Chrysene	396000	U
117-81-7	bis(2-ethylhexyl)phthalate	396000	U
117-84-0	Di-n-octylphthalate	396000	U
205-99-2	Benzo(b)fluoranthene	396000	U
207-08-9	Benzo(k)fluoranthene	396000	U
50-32-8	Benzo(a)pyrene	396000	U
193-39-5	Indeno(1,2,3-cd)pyrene	396000	U
53-70-3	Dibenz(a,h)anthracene	396000	U
191-24-2	Benzo(g,h,i)perylene	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD10RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814RE1 Lab File ID: 468-14.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2248

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	63600	J
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD10RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814RE1 Lab File ID: 468-14.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2248

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	128000	J
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD10RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814RE1 Lab File ID: 468-14.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2248

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815 Lab File ID: 468-15DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0118

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	813000	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815 Lab File ID: 468-15DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0118

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815 Lab File ID: 468-15DT.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0118

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD21RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815RE1 Lab File ID: 468-15.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2321

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	832000	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD21RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815RE1 Lab File ID: 468-15.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2321

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD21RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815RE1 Lab File ID: 468-15.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2321

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD18

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816 Lab File ID: 468-16DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0150

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	396000	U
62-53-3	Aniline	396000	U
111-44-4	Bis(2-Chloroethyl)ether	396000	U
108-95-2	Phenol	1980000	U
95-57-8	2-Chlorophenol	396000	U
541-73-1	1,3-Dichlorobenzene	396000	U
106-46-7	1,4-Dichlorobenzene	396000	U
95-50-1	1,2-Dichlorobenzene	396000	U
100-51-6	Benzyl alcohol	990000	U
108-60-1	2,2-Oxybis(1-chloropropane)	401000	U
95-48-7	2-Methylphenol (o-Cresol)	396000	U
67-72-1	Hexachloroethane	401000	U
621-64-7	N-Nitroso-di-n-propylamine	396000	U
106-44-5	4-Methylphenol	396000	U
98-95-3	Nitrobenzene	396000	U
78-59-1	Isophorone	396000	U
88-75-5	2-Nitrophenol	396000	U
105-67-9	2,4-Dimethylphenol	396000	U
65-85-0	Benzoic acid	1980000	U
111-91-1	Bis(2-Chloroethoxy)methane	396000	U
120-83-2	2,4-Dichlorophenol	396000	U
120-82-1	1,2,4-Trichlorobenzene	396000	U
91-20-3	Naphthalene	396000	U
106-47-8	4-Chloroaniline	396000	U
91-57-6	2-Methylnaphthalene	396000	U
87-68-3	Hexachlorobutadiene	396000	U
59-50-7	4-Chloro-3-methylphenol	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD18

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816 Lab File ID: 468-16DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0150

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	396000	U
77-47-4	Hexachlorocyclopentadiene	990000	U
88-06-2	2,4,6-Trichlorophenol	396000	U
95-95-4	2,4,5-Trichlorophenol	396000	U
91-58-7	2-Chloronaphthalene	401000	U
88-74-4	2-Nitroaniline	396000	U
208-96-8	Acenaphthylene	396000	U
131-11-3	Dimethyl-phthalate	396000	U
606-20-2	2,6-Dinitrotoluene	396000	U
83-32-9	Acenaphthene	396000	U
99-09-2	3-Nitroaniline	396000	U
51-28-5	2,4-Dinitrophenol	1990000	U
132-64-9	Dibenzofuran	396000	U
121-14-2	2,4-Dinitrotoluene	396000	U
100-02-7	4-Nitrophenol	990000	U
86-73-7	Fluorene	396000	U
7005-72-3	4-Chlorophenyl-phenylether	396000	U
84-66-2	Diethylphthalate	396000	U
100-01-6	4-Nitroaniline	396000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1980000	U
86-30-6	N-Nitrosodiphenylamine	396000	U
101-55-3	4-Bromophenyl-phenylether	396000	U
118-74-1	Hexachlorobenzene	396000	U
87-86-5	Pentachlorophenol	1980000	U
85-01-8	Phenanthrene	396000	U
120-12-7	Anthracene	396000	U
84-74-2	Di-n-butylphthalate	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD18

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816 Lab File ID: 468-16DT.D

Sample wt/vol: 1.01 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0150

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	396000	U
129-00-0	Pyrene	396000	U
92-87-5	Benzidine	995000	U
85-68-7	Butylbenzylphthalate	396000	U
91-94-1	3,3'-Dichlorobenzidine	396000	U
56-55-3	Benzo(a)anthracene	396000	U
218-01-9	Chrysene	396000	U
117-81-7	bis(2-ethylhexyl)phthalate	396000	U
117-84-0	Di-n-octylphthalate	396000	U
205-99-2	Benzo(b)fluoranthene	396000	U
207-08-9	Benzo(k)fluoranthene	396000	U
50-32-8	Benzo(a)pyrene	396000	U
193-39-5	Indeno(1,2,3-cd)pyrene	396000	U
53-70-3	Dibenz(a,h)anthracene	396000	U
191-24-2	Benzo(g,h,i)perylene	396000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD18RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816RE1 Lab File ID: 468-16.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2353

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	2000000	U
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	400000	U
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD18RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816RE1 Lab File ID: 468-16.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2353

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD18RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816RE1 Lab File ID: 468-16.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 2353

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD191

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817 Lab File ID: 468-17DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0222

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	367000	U
62-53-3	Aniline	367000	U
111-44-4	Bis(2-Chloroethyl)ether	367000	U
108-95-2	Phenol	635000	J
95-57-8	2-Chlorophenol	367000	U
541-73-1	1,3-Dichlorobenzene	367000	U
106-46-7	1,4-Dichlorobenzene	367000	U
95-50-1	1,2-Dichlorobenzene	367000	U
100-51-6	Benzyl alcohol	918000	U
108-60-1	2,2-Oxybis(1-chloropropane)	372000	U
95-48-7	2-Methylphenol (o-Cresol)	367000	U
67-72-1	Hexachloroethane	372000	U
621-64-7	N-Nitroso-di-n-propylamine	367000	U
106-44-5	4-Methylphenol	77600	J
98-95-3	Nitrobenzene	367000	U
78-59-1	Isophorone	367000	U
88-75-5	2-Nitrophenol	367000	U
105-67-9	2,4-Dimethylphenol	367000	U
65-85-0	Benzoic acid	1840000	U
111-91-1	Bis(2-Chloroethoxy)methane	367000	U
120-83-2	2,4-Dichlorophenol	367000	U
120-82-1	1,2,4-Trichlorobenzene	367000	U
91-20-3	Naphthalene	367000	U
106-47-8	4-Chloroaniline	367000	U
91-57-6	2-Methylnaphthalene	367000	U
87-68-3	Hexachlorobutadiene	367000	U
59-50-7	4-Chloro-3-methylphenol	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD191

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817 Lab File ID: 468-17DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0222

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	367000	U
77-47-4	Hexachlorocyclopentadiene	918000	U
88-06-2	2,4,6-Trichlorophenol	367000	U
95-95-4	2,4,5-Trichlorophenol	367000	U
91-58-7	2-Chloronaphthalene	372000	U
88-74-4	2-Nitroaniline	367000	U
208-96-8	Acenaphthylene	367000	U
131-11-3	Dimethyl-phthalate	367000	U
606-20-2	2,6-Dinitrotoluene	367000	U
83-32-9	Acenaphthene	367000	U
99-09-2	3-Nitroaniline	367000	U
51-28-5	2,4-Dinitrophenol	1840000	U
132-64-9	Dibenzofuran	367000	U
121-14-2	2,4-Dinitrotoluene	367000	U
100-02-7	4-Nitrophenol	918000	U
86-73-7	Fluorene	367000	U
7005-72-3	4-Chlorophenyl-phenylether	367000	U
84-66-2	Diethylphthalate	367000	U
100-01-6	4-Nitroaniline	367000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1840000	U
86-30-6	N-Nitrosodiphenylamine	367000	U
101-55-3	4-Bromophenyl-phenylether	367000	U
118-74-1	Hexachlorobenzene	367000	U
87-86-5	Pentachlorophenol	1840000	U
85-01-8	Phenanthrene	367000	U
120-12-7	Anthracene	367000	U
84-74-2	Di-n-butylphthalate	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD191

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817 Lab File ID: 468-17DT.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 0222

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	367000	U
129-00-0	Pyrene	367000	U
92-87-5	Benzidine	922000	U
85-68-7	Butylbenzylphthalate	367000	U
91-94-1	3,3'-Dichlorobenzidine	367000	U
56-55-3	Benzo(a)anthracene	367000	U
218-01-9	Chrysene	367000	U
117-81-7	bis(2-ethylhexyl)phthalate	367000	U
117-84-0	Di-n-octylphthalate	367000	U
205-99-2	Benzo(b)fluoranthene	367000	U
207-08-9	Benzo(k)fluoranthene	367000	U
50-32-8	Benzo(a)pyrene	367000	U
193-39-5	Indeno(1,2,3-cd)pyrene	367000	U
53-70-3	Dibenz(a,h)anthracene	367000	U
191-24-2	Benzo(g,h,i)perylene	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD191RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817RE1 Lab File ID: 468-17.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/16/07 Time: 0025

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	400000	U
62-53-3	Aniline	400000	U
111-44-4	Bis(2-Chloroethyl)ether	400000	U
108-95-2	Phenol	713000	J
95-57-8	2-Chlorophenol	400000	U
541-73-1	1,3-Dichlorobenzene	400000	U
106-46-7	1,4-Dichlorobenzene	400000	U
95-50-1	1,2-Dichlorobenzene	400000	U
100-51-6	Benzyl alcohol	1000000	U
108-60-1	2,2-Oxybis(1-chloropropane)	405000	U
95-48-7	2-Methylphenol (o-Cresol)	400000	U
67-72-1	Hexachloroethane	405000	U
621-64-7	N-Nitroso-di-n-propylamine	400000	U
106-44-5	4-Methylphenol	90800	J
98-95-3	Nitrobenzene	400000	U
78-59-1	Isophorone	400000	U
88-75-5	2-Nitrophenol	400000	U
105-67-9	2,4-Dimethylphenol	400000	U
65-85-0	Benzoic acid	2000000	U
111-91-1	Bis(2-Chloroethoxy)methane	400000	U
120-83-2	2,4-Dichlorophenol	400000	U
120-82-1	1,2,4-Trichlorobenzene	400000	U
91-20-3	Naphthalene	400000	U
106-47-8	4-Chloroaniline	400000	U
91-57-6	2-Methylnaphthalene	400000	U
87-68-3	Hexachlorobutadiene	400000	U
59-50-7	4-Chloro-3-methylphenol	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD191RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817RE1 Lab File ID: 468-17.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/16/07 Time: 0025

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	400000	U
77-47-4	Hexachlorocyclopentadiene	1000000	U
88-06-2	2,4,6-Trichlorophenol	400000	U
95-95-4	2,4,5-Trichlorophenol	400000	U
91-58-7	2-Chloronaphthalene	405000	U
88-74-4	2-Nitroaniline	400000	U
208-96-8	Acenaphthylene	400000	U
131-11-3	Dimethyl-phthalate	400000	U
606-20-2	2,6-Dinitrotoluene	400000	U
83-32-9	Acenaphthene	400000	U
99-09-2	3-Nitroaniline	400000	U
51-28-5	2,4-Dinitrophenol	2010000	U
132-64-9	Dibenzofuran	400000	U
121-14-2	2,4-Dinitrotoluene	400000	U
100-02-7	4-Nitrophenol	1000000	U
86-73-7	Fluorene	400000	U
7005-72-3	4-Chlorophenyl-phenylether	400000	U
84-66-2	Diethylphthalate	400000	U
100-01-6	4-Nitroaniline	400000	U
534-52-1	2-Methyl-4,6-dinitrophenol	2000000	U
86-30-6	N-Nitrosodiphenylamine	400000	U
101-55-3	4-Bromophenyl-phenylether	400000	U
118-74-1	Hexachlorobenzene	400000	U
87-86-5	Pentachlorophenol	2000000	U
85-01-8	Phenanthrene	400000	U
120-12-7	Anthracene	400000	U
84-74-2	Di-n-butylphthalate	400000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD191RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817RE1 Lab File ID: 468-17.D

Sample wt/vol: 1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/16/07 Time: 0025

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	400000	U
129-00-0	Pyrene	400000	U
92-87-5	Benzidine	1000000	U
85-68-7	Butylbenzylphthalate	400000	U
91-94-1	3,3'-Dichlorobenzidine	400000	U
56-55-3	Benzo(a)anthracene	400000	U
218-01-9	Chrysene	400000	U
117-81-7	bis(2-ethylhexyl)phthalate	400000	U
117-84-0	Di-n-octylphthalate	400000	U
205-99-2	Benzo(b)fluoranthene	400000	U
207-08-9	Benzo(k)fluoranthene	400000	U
50-32-8	Benzo(a)pyrene	400000	U
193-39-5	Indeno(1,2,3-cd)pyrene	400000	U
53-70-3	Dibenz(a,h)anthracene	400000	U
191-24-2	Benzo(g,h,i)perylene	400000	U

QC Summary

180907 1006

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3418BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 248432 Lab File ID: 3418BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1706

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3418BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 248432 Lab File ID: 3418BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1706

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3418BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 248432 Lab File ID: 3418BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1706

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3453BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 248744 Lab File ID: 3453BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/13/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 1857

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3453BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 248744 Lab File ID: 3453BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/13/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 1857

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3453BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 248744 Lab File ID: 3453BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/13/07

Concentrated Extract Volume: 10 Date Extracted: 09/13/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 1857

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3418LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	40000	57900	145.0 *		30.0	48 - 115
Aniline	40000	58600	146.0 *		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	44800	112.0 *		30.0	61 - 105
Phenol	40000	52700	132.0 *		23.0	46 - 100
2-Chlorophenol	40000	51800	130.0 *		24.0	54 - 105
1,3-Dichlorobenzene	40000	54100	135.0 *		26.0	67 - 100
1,4-Dichlorobenzene	40000	56200	140.0 *		27.0	62 - 105
1,2-Dichlorobenzene	40000	54800	137.0 *		30.0	65 - 95
Benzyl alcohol	40000	0	0.0 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	57200	143.0 *		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	49800	124.0 *		30.0	58 - 105
Hexachloroethane	40000	54100	135.0 *		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	55900	140.0 *		28.0	59 - 115
4-Methylphenol	40000	43200	108.0 *		26.0	57 - 105
Nitrobenzene	40000	55100	138.0 *		27.0	71 - 115
Isophorone	40000	47400	118.0 *		30.0	69 - 110
2-Nitrophenol	40000	47900	120.0 *		20.0	61 - 110
2,4-Dimethylphenol	40000	49100	123.0 *		30.0	65 - 105
Benzoic acid	80000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	45400	114.0 *		30.0	70 - 110
2,4-Dichlorophenol	40000	49600	124.0 *		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	52200	130.0 *		29.0	71 - 110
Naphthalene	40000	54600	136.0 *		23.0	67 - 105
4-Chloroaniline	40000	49800	124.0 *		30.0	57 - 95
2-Methylnaphthalene	40000	54500	136.0 *		22.0	72 - 105
Hexachlorobutadiene	40000	50400	126.0 *		27.0	79 - 115
4-Chloro-3-methylphenol	40000	46900	117.0 *		30.0	62 - 115
1-Methylnaphthalene	40000	55800	140.0		25.0	67 - 145
Hexachlorocyclopentadiene	40000	24000	60.0		44.0	34 - 139
2,4,6-Trichlorophenol	40000	45900	115.0 *		30.0	62 - 110
2,4,5-Trichlorophenol	40000	43800	110.0		29.0	61 - 110
2-Chloronaphthalene	40000	52800	132.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

180907 1006

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3418LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	47800	120.0		23.0	71 - 120
Acenaphthylene	40000	52900	132.0 *		21.0	66 - 105
Dimethyl-phthalate	40000	53800	134.0 *		30.0	69 - 110
2,6-Dinitrotoluene	40000	49300	123.0 *		30.0	73 - 110
Acenaphthene	40000	52000	130.0 *		28.0	65 - 110
3-Nitroaniline	40000	59200	148.0 *		30.0	76 - 110
2,4-Dinitrophenol	80000	0	0.0 *		30.0	29 - 130
Dibenzofuran	40000	55300	138.0 *		28.0	75 - 105
2,4-Dinitrotoluene	40000	48400	121.0 *		29.0	77 - 115
4-Nitrophenol	40000	23900	59.8		30.0	52 - 140
Fluorene	40000	52400	131.0 *		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	54400	136.0 *		30.0	65 - 110
Diethylphthalate	40000	53500	134.0 *		28.0	68 - 115
4-Nitroaniline	40000	93600	234.0 *		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	0	0.0 *		28.0	34 - 135
N-Nitrosodiphenylamine	40000	57700	144.0 *		23.0	77 - 115
4-Bromophenyl-phenylether	40000	52800	132.0 *		30.0	59 - 115
Hexachlorobenzene	40000	52900	132.0 *		28.0	77 - 120
Pentachlorophenol	40000	23300	58.2		30.0	36 - 120
Phenanthrene	40000	52400	131.0 *		25.0	67 - 110
Anthracene	40000	52000	130.0 *		19.0	67 - 105
Di-n-butylphthalate	40000	53400	134.0 *		29.0	67 - 110
Fluoranthene	40000	54000	135.0 *		21.0	74 - 115
Pyrene	40000	51700	129.0 *		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	49600	124.0		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	57800	144.0 *		30.0	41 - 130
Benzo(a)anthracene	40000	48400	121.0 *		29.0	67 - 110
Chrysene	40000	51300	128.0 *		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	50700	127.0 *		30.0	65 - 125
Di-n-octylphthalate	40000	49000	122.0		30.0	64 - 130
Benzo(b)fluoranthene	40000	45500	114.0		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

180907 1006

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3418LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	52400	131.0 *		28.0	53 - 125
Benzo(a)pyrene	40000	49900	125.0 *		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	39300	98.2		30.0	40 - 120
Dibenz(a,h)anthracene	40000	33300	83.2		30.0	40 - 125
Benzo(g,h,i)perylene	40000	35000	87.5		23.0	41 - 125

Spike Recovery: 57 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

180907 1006

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3453LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	80000	32400	40.5 *		30.0	48 - 115
Aniline	80000	72300	90.4		30.0	47 - 140
Bis(2-Chloroethyl)ether	80000	78400	98.0		30.0	61 - 105
Phenol	80000	72600	90.8		23.0	46 - 100
2-Chlorophenol	80000	80700	101.0		24.0	54 - 105
1,3-Dichlorobenzene	80000	87800	110.0 *		26.0	67 - 100
1,4-Dichlorobenzene	80000	84900	106.0 *		27.0	62 - 105
1,2-Dichlorobenzene	80000	86200	108.0 *		30.0	65 - 95
Benzyl alcohol	80000	21400	26.8 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	80000	83100	104.0		30.0	52 - 115
2-Methylphenol (o-Cresol)	80000	72400	90.5		30.0	58 - 105
Hexachloroethane	80000	92900	116.0 *		28.0	65 - 110
N-Nitroso-di-n-propylamine	80000	77800	97.2		28.0	59 - 115
4-Methylphenol	80000	73000	91.2		26.0	57 - 105
Nitrobenzene	80000	85600	107.0		27.0	71 - 115
Isophorone	80000	86500	108.0		30.0	69 - 110
2-Nitrophenol	80000	81100	101.0		20.0	61 - 110
2,4-Dimethylphenol	80000	82300	103.0		30.0	65 - 105
Benzoic acid	160000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	80000	74700	93.4		30.0	70 - 110
2,4-Dichlorophenol	80000	77700	97.1		29.0	64 - 110
1,2,4-Trichlorobenzene	80000	91400	114.0 *		29.0	71 - 110
Naphthalene	80000	87500	109.0 *		23.0	67 - 105
4-Chloroaniline	80000	69000	86.2		30.0	57 - 95
2-Methylnaphthalene	80000	88100	110.0 *		22.0	72 - 105
Hexachlorobutadiene	80000	90300	113.0		27.0	79 - 115
4-Chloro-3-methylphenol	80000	62500	78.1		30.0	62 - 115
1-Methylnaphthalene	80000	89600	112.0		25.0	67 - 145
Hexachlorocyclopentadiene	80000	80400	100.0		44.0	34 - 139
2,4,6-Trichlorophenol	80000	78800	98.5		30.0	62 - 110
2,4,5-Trichlorophenol	80000	71000	88.8		29.0	61 - 110
2-Chloronaphthalene	80000	85500	107.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

180907 1006

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3453LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: _____ SAS No: _____ SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	80000	71500	89.4		23.0	71 - 120
Acenaphthylene	80000	82300	103.0		21.0	66 - 105
Dimethyl-phthalate	80000	83300	104.0		30.0	69 - 110
2,6-Dinitrotoluene	80000	176000	220.0 *		30.0	73 - 110
Acenaphthene	80000	80800	101.0		28.0	65 - 110
3-Nitroaniline	80000	81900	102.0		30.0	76 - 110
2,4-Dinitrophenol	160000	0	0.0 *		30.0	29 - 130
Dibenzofuran	80000	85700	107.0 *		28.0	75 - 105
2,4-Dinitrotoluene	80000	138000	172.0 *		29.0	77 - 115
4-Nitrophenol	80000	49400	61.8		30.0	52 - 140
Fluorene	80000	81900	102.0		28.0	67 - 110
4-Chlorophenyl-phenylether	80000	92000	115.0 *		30.0	65 - 110
Diethylphthalate	80000	81700	102.0		28.0	68 - 115
4-Nitroaniline	80000	77700	97.1		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	80000	7290	9.1 *		28.0	34 - 135
N-Nitrosodiphenylamine	80000	85100	106.0		23.0	77 - 115
4-Bromophenyl-phenylether	80000	90100	113.0		30.0	59 - 115
Hexachlorobenzene	80000	87200	109.0		28.0	77 - 120
Pentachlorophenol	80000	32400	40.5		30.0	36 - 120
Phenanthrene	80000	80900	101.0		25.0	67 - 110
Anthracene	80000	81100	101.0		19.0	67 - 105
Di-n-butylphthalate	80000	72500	90.6		29.0	67 - 110
Fluoranthene	80000	83200	104.0		21.0	74 - 115
Pyrene	80000	78200	97.8		20.0	67 - 125
Benzidine	80000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	80000	49800	62.2 *		30.0	66 - 125
3,3'-Dichlorobenzidine	80000	31400	39.2 *		30.0	41 - 130
Benzo(a)anthracene	80000	75700	94.6		29.0	67 - 110
Chrysene	80000	83600	104.0		30.0	65 - 110
bis(2-ethylhexyl)phthalate	80000	53300	66.6		30.0	65 - 125
Di-n-octylphthalate	80000	47800	59.8 *		30.0	64 - 130
Benzo(b)fluoranthene	80000	81100	101.0		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

180907 1006

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3453LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	80000	79300	99.1		28.0	53 - 125
Benzo(a)pyrene	80000	78800	98.5		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	80000	40100	50.1		30.0	40 - 120
Dibenz(a,h)anthracene	80000	33800	42.2		30.0	40 - 125
Benzo(g,h,i)perylene	80000	37100	46.4		23.0	41 - 125

Spike Recovery: 21 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

GC/ECD PCB ORGANICS

METHOD 8082

180907 1006

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD164 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 143 % with criteria of (33-140).

Sample NPPD36 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 169 % with criteria of (33-140).

Since these surrogates were recovered high it can be assured that were any target analytes present in the samples, they would have been detected. Since no target analyte hits were detected, no further action was taken.

Samples coded accordingly.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.
Sample NPPD10, NPPD13, NPPD15, NPPD16, and NPPD18 required 1:10 dilutions due to matrix interference. Only the diluted runs are reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/10/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Method: 8082

EPA Sample No	Lab Sample ID
NPPD165	250746801
NPPD13	250746802
NPPD14	250746803
NPPD15	250746804
NPPD16	250746805
NPPD162	250746806
NPPD164	250746807
NPPD173	250746808
NPPD160	250746809
NPPD12	250746810
NPPD11	250746811
NPPD35	250746812
NPPD36	250746813
NPPD10	250746814
NPPD21	250746815
NPPD18	250746816
NPPD191	250746817

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Sample Data

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD165

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801 Lab File ID: 468-01.D

Sample wt/vol: 1.15 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0311

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	390	U
11096-82-5	Aroclor-1260	390	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802 Lab File ID: 468-2D10.D

Sample wt/vol: 1.02 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0343

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4400	U
11096-82-5	Aroclor-1260	4400	U
11104-28-2	Aroclor-1221	4400	U
11141-16-5	Aroclor-1232	4400	U
53469-21-9	Aroclor-1242	4400	U
12672-29-6	Aroclor-1248	4400	U
11097-69-1	Aroclor-1254	4400	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803 Lab File ID: 468-03.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0414

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804 Lab File ID: 468-4D10.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0446

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4300	U
11096-82-5	Aroclor-1260	4300	U
11104-28-2	Aroclor-1221	4300	U
11141-16-5	Aroclor-1232	4300	U
53469-21-9	Aroclor-1242	4300	U
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	4300	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805 Lab File ID: 468-5D10.D

Sample wt/vol: 1.04 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0517

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4300	U
11096-82-5	Aroclor-1260	4300	U
11104-28-2	Aroclor-1221	4300	U
11141-16-5	Aroclor-1232	4300	U
53469-21-9	Aroclor-1242	4300	U
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	4300	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD162

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806 Lab File ID: 468-06.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0549

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD164

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807 Lab File ID: 468-07.D

Sample wt/vol: 1.03 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0708

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD173

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808 Lab File ID: 468-08.D

Sample wt/vol: 1.06 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0740

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD160

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809 Lab File ID: 468-09.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0811

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810 Lab File ID: 468-10.D

Sample wt/vol: 1.1 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0843

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811 Lab File ID: 468-11.D

Sample wt/vol: 1.09 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0915

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD35

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812 Lab File ID: 468-12.D

Sample wt/vol: 1.08 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0946

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813 Lab File ID: 468-13.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1018

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814 Lab File ID: 468-14D10.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1050

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4300	U
11096-82-5	Aroclor-1260	4300	U
11104-28-2	Aroclor-1221	4300	U
11141-16-5	Aroclor-1232	4300	U
53469-21-9	Aroclor-1242	4300	U
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	4300	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815 Lab File ID: 468-15.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1121

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD18

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816 Lab File ID: 468-16D10.D

Sample wt/vol: 1.05 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1153

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4300	U
11096-82-5	Aroclor-1260	4300	U
11104-28-2	Aroclor-1221	4300	U
11141-16-5	Aroclor-1232	4300	U
53469-21-9	Aroclor-1242	4300	U
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	4300	U

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD191

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817 Lab File ID: 468-17.D

Sample wt/vol: 1.07 Units: G Date Received: 08/28/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 1225

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 414BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 248367 Lab File ID: 414BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/05/07

Concentrated Extract Volume: 10 Date Extracted: 09/05/07

Level:(low/med) LOW Date Analyzed: 09/08/07 Time: 0208

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

414LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	12400	124.0		21.0	40 - 140
Aroclor-1260	10000	12500	125.0		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

180907 1007

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

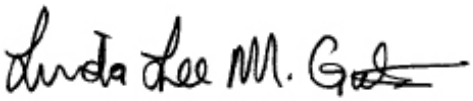
F. Samples:

Sample analysis proceeded normally.

Sample NPPD12 required a 1:5 dilution due to matrix interference with the following analyte(s): Thallium.

Samples NPPD164, NPPD165, NPPD173 required a 1:5 dilution due to high concentration of the following analyte(s): Sodium.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 09/07/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met. No action required. The following ICB/CCB(s) had element concentrations below the RL:

ICB247951 was analyzed on 08/30/07 09:53. The following analyte(s) were detected below RL: Mercury at -0.037 ug/L.
CCB247954 was analyzed on 08/30/07 09:58. The following analyte(s) were detected below RL: Mercury at -0.026 ug/L.
CCB247958 was analyzed on 08/30/07 10:20. The following analyte(s) were detected below RL: Mercury at -0.0395 ug/L.
CCB247960 was analyzed on 08/30/07 10:42. The following analyte(s) were detected below RL: Mercury at -0.0482 ug/L.
CCB247962 was analyzed on 08/30/07 10:59. The following analyte(s) were detected below RL: Mercury at -0.0454 ug/L.

2. Method Blanks:

All acceptance criteria were met.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507468

Client: T N & Associates, Inc.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

3. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

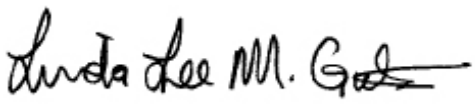
E. Serial Dilution:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 08/30/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507468

SOW No.:

EPA Sample No	Lab Sample ID
NPPD165	250746801
NPPD165DL1	250746801DL1
NPPD13	250746802
NPPD14	250746803
NPPD15	250746804
NPPD16	250746805
NPPD162	250746806
NPPD164	250746807
NPPD164DL1	250746807DL1
NPPD173	250746808
NPPD173DL1	250746808DL1
NPPD160	250746809
NPPD12	250746810
NPPD12DL1	250746810DL1
NPPD11	250746811
NPPD35	250746812
NPPD36	250746813
NPPD10	250746814
NPPD21	250746815
NPPD18	250746816
NPPD191	250746817

Were ICP interelement corrections applied? Yes/No Yes

Were ICP background corrections applied? Yes/No Yes

If yes - were raw data generated before application of background corrections? Yes/No No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD165

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	52.8			P
7440-38-2	Arsenic	4.83			P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0869	B		P
7440-70-2	Calcium	33.1			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0488	U		P
7440-50-8	Copper	0.175	B		P
7439-89-6	Iron	5.16			P
7439-92-1	Lead	0.332	U		P
7439-95-4	Magnesium	2.93	U		P
7439-96-5	Manganese	0.336	B		P
7439-97-6	Mercury	0.00197	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	6440			P
7782-49-2	Selenium	1.33			P
7440-22-4	Silver	0.156	U		P
7440-28-0	Thallium	0.322	U		P
7440-62-2	Vanadium	0.156	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD165

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.49	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD165DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746801DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	36300			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	0.225	U		P
7440-38-2	Arsenic	0.489	U		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0489	U		P
7440-70-2	Calcium	3.23	U		P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0489	U		P
7440-50-8	Copper	0.288	B		P
7439-89-6	Iron	2.46	B		P
7439-92-1	Lead	0.333	U		P
7439-95-4	Magnesium	2.94	U		P
7439-96-5	Manganese	0.156	U		P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	4.89	U		P
7782-49-2	Selenium	0.489	U		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	9.78	U		P
7440-28-0	Thallium	0.323	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD13

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746802

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	0.323	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.09	U		P
7440-36-0	Antimony	0.229	U		P
7440-38-2	Arsenic	0.498	U		P
7440-39-3	Barium	0.159	U		P
7440-41-7	Beryllium	0.159	U		P
7440-43-9	Cadmium	0.0498	U		P
7440-70-2	Calcium	3.29	U		P
7440-47-3	Chromium	0.159	U		P
7440-48-4	Cobalt	0.0498	U		P
7440-50-8	Copper	0.159	U		P
7439-89-6	Iron	45.1			P
7439-92-1	Lead	0.339	U		P
7439-95-4	Magnesium	2.99	U		P
7439-96-5	Manganese	0.362	B		P
7439-97-6	Mercury	0.00207	U		CV
7440-02-0	Nickel	0.159	U		P
7440-09-7	Potassium	7.7	B		P
7782-49-2	Selenium	0.498	U		P
7440-22-4	Silver	0.159	U		P
7440-23-5	Sodium	13	B		P
7440-28-0	Thallium	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD14

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746803

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.159	U		P
7440-66-6	Zinc	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	0.228	U		P
7440-38-2	Arsenic	0.495	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0495	U		P
7440-70-2	Calcium	3.27	U		P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0495	U		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	3.87	B		P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	2.97	U		P
7439-96-5	Manganese	0.187	B		P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	4.95	U		P
7782-49-2	Selenium	0.495	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	9.9	U		P
7440-28-0	Thallium	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD15

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746804

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	63.2			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.01	U		P
7440-36-0	Antimony	0.22	U		P
7440-38-2	Arsenic	0.479	U		P
7440-39-3	Barium	0.153	U		P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.0479	U		P
7440-70-2	Calcium	3.16	U		P
7440-47-3	Chromium	0.153	U		P
7440-48-4	Cobalt	0.0479	U		P
7440-50-8	Copper	0.153	U		P
7439-89-6	Iron	1.15	B		P
7439-92-1	Lead	0.326	U		P
7439-95-4	Magnesium	2.87	U		P
7439-96-5	Manganese	0.168	B		P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.153	U		P
7440-09-7	Potassium	6.34	B		P
7782-49-2	Selenium	0.479	U		P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	9.58	U		P
7440-28-0	Thallium	0.37	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD16

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746805

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.153	U		P
7440-66-6	Zinc	83.6			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD162

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.72	U		P
7440-36-0	Antimony	0.188	U		P
7440-38-2	Arsenic	0.409	U		P
7440-39-3	Barium	0.131	U		P
7440-41-7	Beryllium	0.131	U		P
7440-43-9	Cadmium	0.0409	U		P
7440-70-2	Calcium	2.7	U		P
7440-47-3	Chromium	0.131	U		P
7440-48-4	Cobalt	0.0409	U		P
7440-50-8	Copper	0.131	U		P
7439-89-6	Iron	0.491	U		P
7439-92-1	Lead	0.278	U		P
7439-95-4	Magnesium	2.45	U		P
7439-96-5	Manganese	0.131	U		P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.131	U		P
7440-09-7	Potassium	29.9	B		P
7782-49-2	Selenium	1.49			P
7440-22-4	Silver	0.131	U		P
7440-23-5	Sodium	9.18	B		P
7440-28-0	Thallium	0.27	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD162

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746806

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.131	U		P
7440-66-6	Zinc	0.27	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD164

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	49.9			P
7440-38-2	Arsenic	3.6			P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0702	B		P
7440-70-2	Calcium	23.1			P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.0492	U		P
7440-50-8	Copper	0.217	B		P
7439-89-6	Iron	4.63	B		P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	0.188	B		P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	5780			P
7782-49-2	Selenium	1.34			P
7440-22-4	Silver	0.157	U		P
7440-28-0	Thallium	0.325	U		P
7440-62-2	Vanadium	0.157	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD164

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD164DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746807DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	33600			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD173

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2	U		P
7440-36-0	Antimony	102			P
7440-38-2	Arsenic	9.03			P
7440-39-3	Barium	0.152	U		P
7440-41-7	Beryllium	0.152	U		P
7440-43-9	Cadmium	0.113	B		P
7440-70-2	Calcium	16.3			P
7440-47-3	Chromium	0.152	U		P
7440-48-4	Cobalt	0.0476	U		P
7440-50-8	Copper	0.17	B		P
7439-89-6	Iron	2.43	B		P
7439-92-1	Lead	0.324	U		P
7439-95-4	Magnesium	2.86	U		P
7439-96-5	Manganese	0.152	U		P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.152	U		P
7440-09-7	Potassium	4070			P
7782-49-2	Selenium	0.685	B		P
7440-22-4	Silver	0.152	U		P
7440-28-0	Thallium	0.314	U		P
7440-62-2	Vanadium	0.152	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD173

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.314	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD173DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746808DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	55200			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD160

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	0.221	U		P
7440-38-2	Arsenic	0.48	U		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.048	U		P
7440-70-2	Calcium	3.17	U		P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.048	U		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	0.576	U		P
7439-92-1	Lead	0.326	U		P
7439-95-4	Magnesium	2.88	U		P
7439-96-5	Manganese	0.154	U		P
7439-97-6	Mercury	0.00204	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	9.74	B		P
7782-49-2	Selenium	0.48	U		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	9300			P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD160

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746809

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	0.488	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	4.06	B		P
7440-36-0	Antimony	10.8			P
7440-38-2	Arsenic	0.487	U		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0508	B		P
7440-70-2	Calcium	3.22	U		P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0487	U		P
7440-50-8	Copper	0.939			P
7439-89-6	Iron	6.16			P
7439-92-1	Lead	1.79			P
7439-95-4	Magnesium	2.92	U		P
7439-96-5	Manganese	0.158	B		P
7439-97-6	Mercury	0.0221			CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	5350			P
7782-49-2	Selenium	1.07			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	2200			P
7440-62-2	Vanadium	0.458	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	2.19			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD12DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746810DL1

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-28-0	Thallium	1.61	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.86	B		P
7440-36-0	Antimony	43.8			P
7440-38-2	Arsenic	0.628	B		P
7440-39-3	Barium	0.299	B		P
7440-41-7	Beryllium	0.145	U		P
7440-43-9	Cadmium	0.0695	B		P
7440-70-2	Calcium	51.4			P
7440-47-3	Chromium	0.145	U		P
7440-48-4	Cobalt	0.249	B		P
7440-50-8	Copper	1.44			P
7439-89-6	Iron	31.6			P
7439-92-1	Lead	0.307	U		P
7439-95-4	Magnesium	7.93	B		P
7439-96-5	Manganese	0.683			P
7439-97-6	Mercury	0.00197	U		CV
7440-02-0	Nickel	0.195	B		P
7440-09-7	Potassium	1840			P
7782-49-2	Selenium	1.31			P
7440-22-4	Silver	0.145	U		P
7440-23-5	Sodium	3550			P
7440-28-0	Thallium	0.298	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD11

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746811

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.242	B		P
7440-66-6	Zinc	15.2			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD35

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.01	U		P
7440-36-0	Antimony	0.22	U		P
7440-38-2	Arsenic	0.478	U		P
7440-39-3	Barium	0.153	U		P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.0478	U		P
7440-70-2	Calcium	34.1			P
7440-47-3	Chromium	0.153	U		P
7440-48-4	Cobalt	0.0478	U		P
7440-50-8	Copper	12.1			P
7439-89-6	Iron	21.1			P
7439-92-1	Lead	4.19			P
7439-95-4	Magnesium	2.87	U		P
7439-96-5	Manganese	0.269	B		P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.154	B		P
7440-09-7	Potassium	6.76	B		P
7782-49-2	Selenium	0.478	U		P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	26.8	B		P
7440-28-0	Thallium	0.315	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD35

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746812

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.153	U		P
7440-66-6	Zinc	6.5			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	0.222	U		P
7440-38-2	Arsenic	0.483	U		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0483	U		P
7440-70-2	Calcium	6.44	B		P
7440-47-3	Chromium	0.323	B		P
7440-48-4	Cobalt	0.0483	U		P
7440-50-8	Copper	0.948			P
7439-89-6	Iron	220			P
7439-92-1	Lead	0.584	B		P
7439-95-4	Magnesium	2.9	U		P
7439-96-5	Manganese	0.858			P
7439-97-6	Mercury	0.00205	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	4.83	U		P
7782-49-2	Selenium	1.24			P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	9.65	U		P
7440-28-0	Thallium	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD36

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746813

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	2.05			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	0.228	U		P
7440-38-2	Arsenic	0.495	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0495	U		P
7440-70-2	Calcium	3.27	U		P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0495	U		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	1.85	B		P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	2.97	U		P
7439-96-5	Manganese	0.158	U		P
7439-97-6	Mercury	0.00202	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	4.95	U		P
7782-49-2	Selenium	0.495	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	9.9	U		P
7440-28-0	Thallium	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD10

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746814

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	0.78	B		P
7440-38-2	Arsenic	0.49	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.049	U		P
7440-70-2	Calcium	3.24	U		P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.049	U		P
7440-50-8	Copper	0.157	U		P
7439-89-6	Iron	8.2			P
7439-92-1	Lead	0.333	U		P
7439-95-4	Magnesium	2.94	U		P
7439-96-5	Manganese	0.157	U		P
7439-97-6	Mercury	0.00198	U		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	2890			P
7782-49-2	Selenium	1.29			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	2430			P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746815

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	0.614	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD18

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	0.227	U		P
7440-38-2	Arsenic	0.494	U		P
7440-39-3	Barium	1.48			P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0522	B		P
7440-70-2	Calcium	160			P
7440-47-3	Chromium	0.418	B		P
7440-48-4	Cobalt	0.0494	U		P
7440-50-8	Copper	19.6			P
7439-89-6	Iron	1420			P
7439-92-1	Lead	1.32			P
7439-95-4	Magnesium	16			P
7439-96-5	Manganese	5.36			P
7439-97-6	Mercury	0.00201	U		CV
7440-02-0	Nickel	0.421	B		P
7440-09-7	Potassium	135			P
7782-49-2	Selenium	0.494	U		P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	558			P
7440-28-0	Thallium	0.326	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD18

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746816

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	88.1			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD191

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.8	U		P
7440-36-0	Antimony	4.42			P
7440-38-2	Arsenic	0.429	U		P
7440-39-3	Barium	0.372	B		P
7440-41-7	Beryllium	0.137	U		P
7440-43-9	Cadmium	0.058	B		P
7440-70-2	Calcium	22.2			P
7440-47-3	Chromium	0.137	U		P
7440-48-4	Cobalt	0.0429	U		P
7440-50-8	Copper	1.65			P
7439-89-6	Iron	46.4			P
7439-92-1	Lead	0.292	U		P
7439-95-4	Magnesium	6.24	B		P
7439-96-5	Manganese	0.738			P
7439-97-6	Mercury	0.0064	B		CV
7440-02-0	Nickel	0.155	B		P
7440-09-7	Potassium	1400			P
7782-49-2	Selenium	1.94			P
7440-22-4	Silver	0.137	U		P
7440-23-5	Sodium	2380			P
7440-28-0	Thallium	0.283	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD191

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Lab Sample ID: 250746817

Level:(low/med) LOW Date Received: 8/28/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.137	U		P
7440-66-6	Zinc	1.59			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

180907 1007

QC Summary

180907 1007

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DUPLICATES

EPA Sample No.

247940LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.323		0.328		1.5		CV

Comments:

180907 1007

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DUPLICATES

EPA Sample No.

248249LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4570		4580		0.2		P
Antimony	20	47.6		47.7		0.2		P
Arsenic	20	46.5		45.4		2.4		P
Barium	20	136		136		0.0		P
Beryllium	20	47.1		46.9		0.4		P
Cadmium	20	45		45		0.0		P
Calcium	20	4520		4530		0.2		P
Chromium	20	47.3		47.3		0.0		P
Cobalt	20	45.4		45.3		0.2		P
Copper	20	48.3		48.1		0.4		P
Iron	20	4750		4750		0.0		P
Lead	20	46.9		47.3		0.8		P
Magnesium	20	4250		4260		0.2		P
Manganese	20	47.5		47.3		0.4		P
Nickel	20	46.1		46		0.2		P
Potassium	20	4550		4550		0.0		P
Selenium	20	46.5		47.6		2.3		P
Silver	20	19.2		19.2		0.0		P
Sodium	20	4630		4640		0.2		P
Thallium	20	46.3		45.9		0.9		P
Vanadium	20	49.5		49.4		0.2		P
Zinc	20	45.3		45.2		0.2		P

Comments:

180907 1007

U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 247940LCS

Lab Code : PEL Case No.: SAS No: SDG No.: 2507468

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.323		80	120	107.7

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247940LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: _____ SAS No: _____ SDG No.: 2507468

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.328		80	120	109.3

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248248LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: _____ SAS No: _____ SDG No.: 2507468

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4570		80 - 120	91.4
Antimony				50	47.6		80 - 120	95.2
Arsenic				50	46.5		80 - 120	93.0
Barium				150	136		80 - 120	90.7
Beryllium				50	47.1		80 - 120	94.2
Cadmium				50	45		80 - 120	90.0
Calcium				5000	4520		80 - 120	90.4
Chromium				50	47.3		80 - 120	94.6
Cobalt				50	45.4		80 - 120	90.8
Copper				50	48.3		80 - 120	96.6
Iron				5000	4750		80 - 120	95.0
Lead				50	46.9		80 - 120	93.8
Magnesium				5000	4250		80 - 120	85.0
Manganese				50	47.5		80 - 120	95.0
Nickel				50	46.1		80 - 120	92.2
Potassium				5000	4550		80 - 120	91.0
Selenium				50	46.5		80 - 120	93.0
Silver				20	19.2		80 - 120	96.0
Sodium				5000	4630		80 - 120	92.6
Thallium				50	46.3		80 - 120	92.6
Vanadium				50	49.5		80 - 120	99.0
Zinc				50	45.3		80 - 120	90.6

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248249LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: _____ SAS No: _____ SDG No.: 2507468

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)						
Analyte	True	Found	%R	True	Found	C	Limits			%R
Aluminum				5000	4580		80	-	120	91.6
Antimony				50	47.7		80	-	120	95.4
Arsenic				50	45.4		80	-	120	90.8
Barium				150	136		80	-	120	90.7
Beryllium				50	46.9		80	-	120	93.8
Cadmium				50	45		80	-	120	90.0
Calcium				5000	4530		80	-	120	90.6
Chromium				50	47.3		80	-	120	94.6
Cobalt				50	45.3		80	-	120	90.6
Copper				50	48.1		80	-	120	96.2
Iron				5000	4750		80	-	120	95.0
Lead				50	47.3		80	-	120	94.6
Magnesium				5000	4260		80	-	120	85.2
Manganese				50	47.3		80	-	120	94.6
Nickel				50	46		80	-	120	92.0
Potassium				5000	4550		80	-	120	91.0
Selenium				50	47.6		80	-	120	95.2
Silver				20	19.2		80	-	120	96.0
Sodium				5000	4640		80	-	120	92.8
Thallium				50	45.9		80	-	120	91.8
Vanadium				50	49.4		80	-	120	98.8
Zinc				50	45.2		80	-	120	90.4

180907 1007

Chain of Custody Documentation

180907 1007

PEL Laboratories, Inc.
1010000 1000101 1100110
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Chain of Custody Record
Record/Work Request

2507468 KC

Page 5 of 6

Company: T N & Associates, Inc.

Project Name/Number: National Petroleum Packets/2005148-1089

Address: 1220 Kennestone Circle, Marietta, GA

Project Manager: Lou Von oldenburg

Phone: 678-355-5550 Fax: 678-355-5545

Purchase Order:

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Print Names(s) / Affiliation: Lou Von Oldenburg

Sampler(s) Signature(s):

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested: 6010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
37	NPPD165	8/15/07	1020		O	3		X	X	X	X	Waste	01
38	NPPD13	8/15/07	1130										02
39	NPPD14	8/15/07	1100										03
40	NPPD15	8/15/07	1130										04
41	NPPD16		1055										05
42	NPPD162		1105										06
43	NPPD164		1110										07
44	NPPD173		1000										08
45	NPPD160	↓	1120		↓	↓		↓	↓	↓	↓	↓	09

Shipment Method: 27 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/17/07	1100			
Additional Comments: Jars only							8/18	1030
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
6C acc		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507468

300

PEL Laboratories, Inc.
1010000 1000101 1100110
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Chain of Custody Record
Record/Work Request

2507468 KC

Page 6 of 6

Company: T N & Associates, Inc.
Address: 1220 Kennestone Circle, Marietta, GA
Phone: 678-355-5550 Fax: 678-355-5545
Project Name/Number: National Petroleum Packers / 2005148-1089
Project Manager: Lou Von Oldenburg
Purchase Order:

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Print Names(s) / Affiliation: Lou Von Oldenburg
Sampler(s) Signature(s):

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested: 6010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
46	NPPD12	8/25/07	1115		O	3		X	X	X	X	Waste *	10
47	NPPD11	8/25/07	1110										11
48	NPPD35*	8/25/07	1155									pH=3	12
49	NPPD36 *	8/25/07	1115									pH=3	13
50	NPPD10	8/25/07	1135										14
51	NPPD21	8/25/07	1045										15
52	NPPD18	8/25/07	1140										16
53	NPPD191	8/26/07	15:18										17
													18 KC

Shipment Method: 24 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/17/07	1100			
Additional Comments: Turn day				8/27/7	1700		8/28	1030
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
6C 9.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507468

301

28

FedEx Express **US Airbill**

FedEx Tracking Number **8630 3433 7879**

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337879

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2009/48 - 1087

3 To

Recipient's Name _____ Phone 813 247 2805

Company P&L LABS

Recipient's Address _____

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address 4420 DEMOCRACY PORT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

.0366274374

8630 3433 7879

fedex.com 1.800.GoFedEx 1.800.463.3339

0215

Recipient's Copy

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 50 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

519

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6

28

FedEx. US Airbill
Express

FedEx Tracking Number 8630 3433 7880

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337880

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept/Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

RECIPIENT: PEEL HERE

2 Your Internal Billing Reference Desk8 - 1089

3 To

Recipient's Name _____ Phone 813 247-3805

Company PEL LABS

Recipient's Address _____ Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4420 PANAMA POINT RD

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7880

fedex.com 1.800.GoFedEx 1.800.463.3339

Recipient's Copy

4a Express Package Service — Packages up to 150 lbs.

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — Packages over 150 lbs.

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 30 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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fedex.com 1.800.GoFedEx 1.800.463.3339

4

28

FedEx. US Airbill
Express

FedEx Tracking Number 8630 3433 7868

0215 **Recipient's Copy**

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 863034337868

Sender's Name TN & ASSOCIATES INC Phone 678 353 7590

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference Jun 18 - 259

3 To

Recipient's Name _____ Phone 813 247 2800

Company PEL LABS

Recipient's Address _____ Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4030 HENDRICKS POINTE

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33614

0366274374

8630 3433 7868

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [x] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages	Total Weight		
1	60		Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
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- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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8

28

FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7905

0215

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date FedEx Tracking Number 863034337905

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

2 Your Internal Billing Reference 2cg/cs 519

3 To

Recipient's Name Phone 813 247-2[illegible]

Company REL LABS

Recipient's Address 4420 PENDOLA POINT RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

0366274374

8630 3433 7905

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages	Total Weight		
1	36	[redacted]	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
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FedEx Express US Airbill

FedEx Tracking Number 8630 3433 7857

0215 — Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date — FedEx Tracking Number 863034337857

Sender's Name TN & ASSOCIATES INC — Phone 678 355--5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR — Dept./Floor/Suite/Room

City MARIETTA — State GA — ZIP 30066-6045

2 Your Internal Billing Reference 20548-1089

3 To

Recipient's Name — Phone 813 247 2044

Company PC LABS

Recipient's Address — Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 2400 PINOLA POINT DR

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA — State FL — ZIP 33619

0366274374

8630 3433 7857

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

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- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below. — Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages: 1 — Total Weight: 60 — Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
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FEDEX.COM 1.800.GOFEDEX 1.800.463.3339

FedEx Express **US Airbill**

FedEx Tracking Number **8630 3433 7890**

0216

Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date

FedEx Tracking Number 863034337890

Sender's Name TN & ASSOCIATES INC Phone 678 355-5550

Company T N & ASSOCIATES INC

Address 1220 KENNESTONE CIR

Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066-6045

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

2 Your Internal Billing Reference Desk - 69

3 To

Recipient's Name Phone 813 247 2600

Company PAL LABS

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

4430 PINE POINT RD

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33611

0366274374

8630 3433 7890

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
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- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

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- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
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- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	
1	02	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507468	**Req:**	83921
Client:	TN&A	**Project:**	National Petroleum Packers (WASTE
Level:	2	**Date Rec'd:**	8/28/07 10:30:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/07/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507468 **Profile Name:** Nat'l Petro. **Profile #:** 83921

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 17	7470	Mercury		BMD	082907	1020
01 - 17	7470	Mercury	N/A			→
01 - 17	6010	Metals		BMD	082907	1020
01 - 17	6010	Metals	N/A			→
01 - 17	8260	Volatile Organic Compounds		MW	8/29/07	12:00
01 - 17	8260	Volatile Organic Compounds		continuing		
01 - 17	8270	GCMS semivolatile		GG	9/6/07	830am
01 - 17	8270	GCMS semivolatile	GG		9/7/07	11am
01 - 17	8082	PCB		JH	9/5/07	12:24
01 - 17	8082	PCB	JH		9/5/07	18:46

Additional:

01 - 17	8270		SR	9-13-07	10:10A
01 - 17	8270	SL		9-13-07	16:30

Comments:

Addendum

180907 1007

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/28/07 10:30:00 AM

Date to be Reported: 9/18/07

Laboratory Submission Number/SDG: 2507468

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507468

Project: National Petroleum Packers

Samples: The submission consisted of 17 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

None.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 2

Total of: 90 analyses on 22 samples (including QC) *30-Aug-07*

Report/SDG #: 2507468

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
247939BLK	247939		SQ	8/29/07 4:25:22 PM	8/29/07 4:25:22 PM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
247940LCS	247940		SQ	8/29/07 4:25:22 PM	8/29/07 4:25:22 PM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
247940LCSD	247941		SQ	8/29/07 4:25:22 PM	8/29/07 4:25:22 PM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD165MS	247942		SQ	8/25/07 10:20:00 AM	8/28/07 10:30:00 AM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD165SD	247943		SQ	8/25/07 10:20:00 AM	8/28/07 10:30:00 AM

Method		
7470	Mercury	7470

Report/SDG #: 2507468

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD165	250746801		O	8/25/07 10:20:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD13	250746802		O	8/25/07 11:30:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD14	250746803		O	8/25/07 11:00:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507468

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD15	250746804		O	8/25/07 11:30:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD16	250746805		O	8/25/07 10:55:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD162	250746806		O	8/25/07 11:05:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507468

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD164	250746807		O	8/25/07 11:10:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD173	250746808		O	8/25/07 10:00:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD160	250746809		O	8/25/07 11:20:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507468

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD12	250746810		O	8/25/07 11:15:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD11	250746811		O	8/25/07 11:10:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD35	250746812		O	8/25/07 11:10:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507468

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD36	250746813		O	8/25/07 11:15:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD10	250746814		O	8/25/07 11:35:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD21	250746815		O	8/25/07 10:45:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507468

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD18	250746816		O	8/25/07 11:40:00 AM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD191	250746817		O	8/25/07 3:18:00 PM	8/28/07 10:30:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

From: Darcy Weisman
Sent: Friday, September 07, 2007 2:50 PM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: TNA 2507468 8260 waste
Importance: High

Good afternoon.

-----Original Message-----
From: Lisa Pelo
Sent: Friday, September 07, 2007 2:13 PM
To: Project Managers
Subject: TNA 2507468 8260 waste
Importance: High

Please notify the project chemist of the following:

Sample NPPD11 was only analyzed and will be reported at a 1:100 and a 1:500 dilution based on screening results due to high concentrations of 1,2-Dichloroethane. Both diluted analyses will be reported.

Sample NPPD13 required an additional 1:500 dilution due to high concentrations of Isopropylbenzene, n-Propylbenzene, sec-Butylbenzene, and Naphthalene. Both diluted analyses will be reported.

Sample NPPD12 required an additional 1:10000 dilution due to a high concentration of Toluene. Both diluted analyses will be reported.

Darcy Weisman

From: Darcy Weisman
Sent: Monday, September 10, 2007 4:23 PM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: 2507468 - 8082 TNA

Good afternoon.

-----Original Message-----
From: Brian Spann
Sent: Monday, September 10, 2007 4:12 PM
To: Project Managers
Subject: 2507468 - 8082 TNA

A. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD164 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 143 % with criteria of (33-140).

Sample NPPD36 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 169 % with criteria of (33-140).

Since these surrogates were recovered high it can be assured that were any target analytes present in the samples, they would have been detected. Since no target analyte hits were detected, no further action was taken.

Samples coded accordingly.

This e-mail is intended for the named addressee(s) and may contain information that is confidential and proprietary. If this information is received by anyone other than the named addressee(s), the recipient(s) should immediately notify the sender by e-mail and promptly delete the transmitted material. In no event shall this material be read, used, stored, or retained by anyone other than the named addressee(s) without the express written consent of the sender or the named addressee(s).

Darcy Weisman

From: Darcy Weisman
Sent: Monday, September 17, 2007 11:07 AM
To: 'Russell Henderson'; 'Lou Von Oldenburg'
Subject: FW: 468 - 8270 TNA

Good morning. This should have been sent last THURS.

-----Original Message-----
From: Brian Spann
Sent: Thursday, September 13, 2007 8:27 AM
To: Project Managers
Cc: Eric BattistaWCH; Lara Keene
Subject: 468 - 8270 TNA

This entire SDG needs to be RE.

LCS recoveries were across the board 30% high.

This e-mail is intended for the named addressee(s) and may contain information that is confidential and proprietary. If this information is received by anyone other than the named addressee(s), the recipient(s) should immediately notify the sender by e-mail and promptly delete the transmitted material. In no event shall this material be read, used, stored, or retained by anyone other than the named addressee(s) without the express written consent of the sender or the named addressee(s).

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/29/2007 10:00:00 AM
Date Reported:	9/13/2007
Laboratory Submission Number/SDG:	2507471
Project:	National Petroleum Packers

Samples: The submission consisted of 11 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

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METHOD 8260 GC/ MS VOLATILE ORGANICS 10
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Sample Data 71
QC Summary 105
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EXECUTIVE SUMMARY - Detection Highlights

2507471

SAMPLE ID: NPP TOTE 2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	19	9.84	MG/KG	SW6010B
Antimony	35.4	0.984	MG/KG	SW6010B
Barium	31.6	0.492	MG/KG	SW6010B
Calcium	95.9	9.84	MG/KG	SW6010B
Chromium	0.468 B	0.492	MG/KG	SW6010B
Cobalt	0.117 B	0.492	MG/KG	SW6010B
Copper	1.82	0.492	MG/KG	SW6010B
Iron	85.2	4.92	MG/KG	SW6010B
Magnesium	13.3	9.84	MG/KG	SW6010B
Manganese	33.4	0.492	MG/KG	SW6010B
Nickel	0.621	0.492	MG/KG	SW6010B
Potassium	270	49.2	MG/KG	SW6010B
Selenium	1.32	0.984	MG/KG	SW6010B
Sodium	846	29.5	MG/KG	SW6010B
Zinc	3.23	0.984	MG/KG	SW6010B
Mercury	0.0085 B	0.0198	MG/KG	SW7470A
1,2,4-Trimethylbenzene	451 J	763	UG/KG	SW8260B
Naphthalene	409 J	763	UG/KG	SW8260B
n-Butylbenzene	186 J	763	UG/KG	SW8260B
Toluene	718 J	763	UG/KG	SW8260B
Benzoic acid	4520000	1610000	UG/KG	SW8270C
Phenol	130000 J	1610000	UG/KG	SW8270C

SAMPLE ID: NPP TOTE 3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	7.15 B	9.34	MG/KG	SW6010B
Antimony	1	0.934	MG/KG	SW6010B
Barium	1.03	0.467	MG/KG	SW6010B
Calcium	23.5	9.34	MG/KG	SW6010B
Chromium	0.824	0.467	MG/KG	SW6010B
Cobalt	0.169 B	0.467	MG/KG	SW6010B
Copper	2.76	0.467	MG/KG	SW6010B
Iron	103	4.67	MG/KG	SW6010B
Magnesium	8.68 B	9.34	MG/KG	SW6010B
Manganese	1.02	0.467	MG/KG	SW6010B
Nickel	6.35	0.467	MG/KG	SW6010B

130907 1354

EXECUTIVE SUMMARY - Detection Highlights

2507471

Potassium	69.7	46.7	MG/KG	SW6010B
Selenium	0.861 B	0.934	MG/KG	SW6010B
Sodium	2680	28	MG/KG	SW6010B
Zinc	4	0.934	MG/KG	SW6010B
Mercury	0.00898 B	0.0194	MG/KG	SW7470A
1,2,4-Trimethylbenzene	3620	513	UG/KG	SW8260B
Ethylbenzene	235 J	513	UG/KG	SW8260B
Naphthalene	1640	513	UG/KG	SW8260B
n-Butylbenzene	468 J	513	UG/KG	SW8260B
n-Propylbenzene	277 J	513	UG/KG	SW8260B
o-Xylene	757	513	UG/KG	SW8260B
p,m-Xylene	1340	1020	UG/KG	SW8260B
Tetrachloroethene	359 J	1280	UG/KG	SW8260B
Toluene	542	513	UG/KG	SW8260B
Phenol	226000 J	1680000	UG/KG	SW8270C

SAMPLE ID: NPPD56

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	2.49	0.95	MG/KG	SW6010B
Barium	0.266 B	0.475	MG/KG	SW6010B
Calcium	3.92 B	9.5	MG/KG	SW6010B
Copper	4.46	0.475	MG/KG	SW6010B
Iron	8.56	4.75	MG/KG	SW6010B
Manganese	0.714	0.475	MG/KG	SW6010B
Nickel	0.745	0.475	MG/KG	SW6010B
Potassium	3150	47.5	MG/KG	SW6010B
Selenium	0.988	0.95	MG/KG	SW6010B
Sodium	2290	28.5	MG/KG	SW6010B
Zinc	0.66 B	0.95	MG/KG	SW6010B
Mercury	0.00266 B	0.0198	MG/KG	SW7470A
Phenol	567000 J	1710000	UG/KG	SW8270C

SAMPLE ID: NPPD57

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.64	0.963	MG/KG	SW6010B
Calcium	10.5	9.63	MG/KG	SW6010B
Copper	1.73	0.482	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507471

Iron	9.71	4.82	MG/KG	SW6010B
Manganese	2.81	0.482	MG/KG	SW6010B
Nickel	0.333 B	0.482	MG/KG	SW6010B
Potassium	4570	48.2	MG/KG	SW6010B
Selenium	1.18	0.963	MG/KG	SW6010B
Sodium	1410	28.9	MG/KG	SW6010B
Zinc	0.328 B	0.963	MG/KG	SW6010B
Mercury	0.00375 B	0.0196	MG/KG	SW7470A
Acetone	2570 J	2810	UG/KG	SW8260B
Benzene	185 J	562	UG/KG	SW8260B
Naphthalene	506 J	562	UG/KG	SW8260B
Toluene	505 J	562	UG/KG	SW8260B
Phenol	526000 J	1670000	UG/KG	SW8270C

SAMPLE ID: NPPD58

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	2.82	0.965	MG/KG	SW6010B
Arsenic	0.487 B	0.965	MG/KG	SW6010B
Calcium	3.35 B	9.65	MG/KG	SW6010B
Iron	1.18 B	4.83	MG/KG	SW6010B
Nickel	0.613	0.483	MG/KG	SW6010B
Potassium	5870	48.3	MG/KG	SW6010B
Selenium	1.17	0.965	MG/KG	SW6010B
Sodium	2330	29	MG/KG	SW6010B
1,2,4-Trimethylbenzene	475 J	552	UG/KG	SW8260B
2-Butanone	3220	2760	UG/KG	SW8260B
Acetone	9700	2760	UG/KG	SW8260B
Naphthalene	1050	552	UG/KG	SW8260B
n-Butylbenzene	114 J	552	UG/KG	SW8260B
p,m-Xylene	3290	1100	UG/KG	SW8260B
Toluene	326 J	552	UG/KG	SW8260B
Phenol	907000 J	1700000	UG/KG	SW8270C

SAMPLE ID: NPPD59

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	4.68 B	9.73	MG/KG	SW6010B
Antimony	0.72 B	0.973	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507471

Barium	0.293 B	0.486	MG/KG	SW6010B
Calcium	20.7	9.73	MG/KG	SW6010B
Copper	0.874	0.486	MG/KG	SW6010B
Iron	101	4.86	MG/KG	SW6010B
Magnesium	5 B	9.73	MG/KG	SW6010B
Manganese	0.944	0.486	MG/KG	SW6010B
Potassium	140	48.6	MG/KG	SW6010B
Selenium	0.572 B	0.973	MG/KG	SW6010B
Sodium	108	29.2	MG/KG	SW6010B
Zinc	3.25	0.973	MG/KG	SW6010B
Mercury	0.00383 B	0.0199	MG/KG	SW7470A
1,2,4-Trimethylbenzene	353 J	529	UG/KG	SW8260B
2-Butanone	2310 J	2640	UG/KG	SW8260B
Acetone	5340	2640	UG/KG	SW8260B
Naphthalene	766	529	UG/KG	SW8260B

SAMPLE ID: NPPD60

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.74 B	9.75	MG/KG	SW6010B
Antimony	5.33	0.975	MG/KG	SW6010B
Barium	19.4	0.487	MG/KG	SW6010B
Cadmium	0.348 B	0.487	MG/KG	SW6010B
Calcium	1770	9.75	MG/KG	SW6010B
Copper	0.964	0.487	MG/KG	SW6010B
Iron	167	4.87	MG/KG	SW6010B
Magnesium	227	9.75	MG/KG	SW6010B
Manganese	1.56	0.487	MG/KG	SW6010B
Potassium	59	48.7	MG/KG	SW6010B
Sodium	50.9	29.2	MG/KG	SW6010B
Vanadium	0.159 B	0.487	MG/KG	SW6010B
Zinc	221	0.975	MG/KG	SW6010B
Mercury	0.00277 B	0.019	MG/KG	SW7470A
1,2,4-Trimethylbenzene	206 J	450	UG/KG	SW8260B
2-Butanone	954 J	2250	UG/KG	SW8260B
Acetone	5880	2250	UG/KG	SW8260B
Naphthalene	977	450	UG/KG	SW8260B
o-Xylene	218 J	450	UG/KG	SW8260B
p,m-Xylene	507 J	901	UG/KG	SW8260B
Toluene	491	450	UG/KG	SW8260B
2-Methylnaphthalene	55100 J	371000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

2507471

SAMPLE ID: NPPD61

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	54.4	0.94	MG/KG	SW6010B
Cadmium	0.073 B	0.47	MG/KG	SW6010B
Calcium	305	9.4	MG/KG	SW6010B
Cobalt	0.429 B	0.47	MG/KG	SW6010B
Iron	102	4.7	MG/KG	SW6010B
Magnesium	245	9.4	MG/KG	SW6010B
Manganese	4.59	0.47	MG/KG	SW6010B
Potassium	3600	47	MG/KG	SW6010B
Selenium	1.53	0.94	MG/KG	SW6010B
Sodium	1300	28.2	MG/KG	SW6010B
Zinc	5.01	0.94	MG/KG	SW6010B
Acetone	5710	2560	UG/KG	SW8260B
Naphthalene	469 J	513	UG/KG	SW8260B
Toluene	181 J	513	UG/KG	SW8260B
Phenol	53800 J	1590000	UG/KG	SW8270C

SAMPLE ID: NPPD66

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	4.66 B	8.6	MG/KG	SW6010B
Potassium	13 B	43	MG/KG	SW6010B
Selenium	1.31	0.86	MG/KG	SW6010B
Zinc	0.953	0.86	MG/KG	SW6010B

SAMPLE ID: NPPD67

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	18.9	9.54	MG/KG	SW6010B
Antimony	0.928 B	0.954	MG/KG	SW6010B
Barium	0.285 B	0.477	MG/KG	SW6010B
Calcium	12.8	9.54	MG/KG	SW6010B
Chromium	0.933	0.477	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507471

Copper	0.525	0.477	MG/KG	SW6010B
Iron	406	4.77	MG/KG	SW6010B
Lead	0.378 B	0.649	MG/KG	SW6010B
Manganese	19	0.477	MG/KG	SW6010B
Nickel	0.862	0.477	MG/KG	SW6010B
Potassium	58	47.7	MG/KG	SW6010B
Selenium	1.76	0.954	MG/KG	SW6010B
Sodium	1800	28.6	MG/KG	SW6010B
Zinc	1.85	0.954	MG/KG	SW6010B
Phenol	213000 J	1640000	UG/KG	SW8270C

SAMPLE ID: NPP-SB-07-(7.2)

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	4950	5.85	MG/KG	SW6010B
Antimony	0.214 B	0.585	MG/KG	SW6010B
Arsenic	2.7	0.585	MG/KG	SW6010B
Barium	11	0.293	MG/KG	SW6010B
Calcium	178	5.85	MG/KG	SW6010B
Chromium	4.77	0.293	MG/KG	SW6010B
Cobalt	0.304	0.293	MG/KG	SW6010B
Copper	1.46	0.293	MG/KG	SW6010B
Iron	13300	2.93	MG/KG	SW6010B
Lead	2.12	0.398	MG/KG	SW6010B
Magnesium	134	5.85	MG/KG	SW6010B
Manganese	7.63	0.293	MG/KG	SW6010B
Nickel	0.254 B	0.293	MG/KG	SW6010B
Potassium	158	29.3	MG/KG	SW6010B
Selenium	0.402 B	0.585	MG/KG	SW6010B
Silver	0.144 B	0.293	MG/KG	SW6010B
Sodium	11.3 B	17.6	MG/KG	SW6010B
Vanadium	12.4	0.293	MG/KG	SW6010B
Zinc	2.2	0.585	MG/KG	SW6010B
Mercury	0.0179 B	0.0223	MG/KG	SW7470A
Acetone	17	11	UG/KG	SW8260B
cis-1,2-Dichloroethene	1 J	2.2	UG/KG	SW8260B
Trichlorofluoromethane	2.5	2.2	UG/KG	SW8260B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

130907 1354

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507471

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 083007LCS12 was analyzed with the soil samples on 08/30/07. The following analyte was recovered below criteria: Acrolein at 63 % with criteria of (69-130).

LCS 083007LCS12D was analyzed with the soil samples on 08/30/07. The following analyte was recovered below criteria: Acrolein at 67.5 % with criteria of (69-130). The following analyte was recovered above criteria: Acetone at 141 % with criteria of (58-133).

No further action was required. Samples coded accordingly.

PEL Lab Reference No./SDG: 2507471

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/10/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Method: 8260

EPA Sample No	Lab Sample ID
NPPD67	250747101
NPPD66	250747102
NPPD60	250747103
NPPD61	250747104
NPPD59	250747105
NPPD57	250747106
NPPD58	250747107
NPPD56	250747108
NPP TOTE 2	250747109
NPP TOTE 3	250747110
NPP-SB-07-(7.2)	250747111

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Sample Data

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1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD67

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747101 Lab File ID: 47101M.D

Sample wt/vol: 2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1600

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	500	U
74-87-3	Chloromethane	500	U
75-01-4	Vinyl chloride	500	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	1250	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	500	U
107-02-8	Acrolein	6250	U
74-88-4	Methyl iodide	500	U
75-15-0	Carbon disulfide	500	U
75-09-2	Methylene chloride	1250	U
156-60-5	trans-1,2-Dichloroethene	500	U
107-13-1	Acrylonitrile	1250	U
75-34-3	1,1-Dichloroethane	500	U
67-64-1	Acetone	2500	U
594-20-7	2,2-Dichloropropane	500	U
156-59-2	cis-1,2-Dichloroethene	500	U
74-97-5	Bromochloromethane	500	U
78-93-3	2-Butanone	2500	U
67-66-3	Chloroform	500	U
71-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon tetrachloride	500	U
563-58-6	1,1-Dichloropropene	500	U
71-43-2	Benzene	500	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	500	U
108-05-4	Vinyl acetate	1000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD67

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747101 Lab File ID: 47101M.D

Sample wt/vol: 2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1600

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	500	U
74-95-3	Dibromomethane	500	U
75-27-4	Bromodichloromethane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
108-10-1	4-Methyl-2-pentanone	1000	U
108-88-3	Toluene	500	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	1250	U
142-28-9	1,3-Dichloropropane	500	U
591-78-6	2-Hexanone	1000	U
124-48-1	Dibromochloromethane	500	U
106-93-4	1,2-Dibromoethane(EDB)	500	U
108-90-7	Chlorobenzene	500	U
630-20-6	1,1,1,2-Tetrachloroethane	500	U
100-41-4	Ethylbenzene	500	U
511-39-00	p,m-Xylene	1000	U
95-47-6	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	1250	U
98-82-8	Isopropylbenzene (Cumene)	500	U
108-86-1	Bromobenzene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U
96-18-4	1,2,3-Trichloropropane	500	U
103-65-1	n-Propylbenzene	500	U
95-49-8	2-Chlorotoluene	500	U
106-43-4	4-Chlorotoluene	500	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD67

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747101 Lab File ID: 47101M.D

Sample wt/vol: 2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1600

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	500	U
98-06-6	tert-Butylbenzene	500	U
95-63-6	1,2,4-Trimethylbenzene	500	U
135-98-8	sec-Butylbenzene	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
99-87-6	4-Isopropyltoluene	500	U
104-51-8	n-Butylbenzene	500	U
95-50-1	1,2-Dichlorobenzene	500	U
96-12-8	1,2-Dibromo-3-chloropropane	2500	U
120-82-1	1,2,4-Trichlorobenzene	500	U
87-68-3	Hexachlorobutadiene	750	U
91-20-3	Naphthalene	500	U
87-61-6	1,2,3-Trichlorobenzene	500	U
1634-04-4	MTBE	500	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD66

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747102 Lab File ID: 47102M.D

Sample wt/vol: 1.67 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1537

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	599	U
74-87-3	Chloromethane	599	U
75-01-4	Vinyl chloride	599	U
74-83-9	Bromomethane	599	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	599	U
75-35-4	1,1-Dichloroethene	599	U
107-02-8	Acrolein	7480	U
74-88-4	Methyl iodide	599	U
75-15-0	Carbon disulfide	599	U
75-09-2	Methylene chloride	1500	U
156-60-5	trans-1,2-Dichloroethene	599	U
107-13-1	Acrylonitrile	1500	U
75-34-3	1,1-Dichloroethane	599	U
67-64-1	Acetone	2990	U
594-20-7	2,2-Dichloropropane	599	U
156-59-2	cis-1,2-Dichloroethene	599	U
74-97-5	Bromochloromethane	599	U
78-93-3	2-Butanone	2990	U
67-66-3	Chloroform	599	U
71-55-6	1,1,1-Trichloroethane	599	U
56-23-5	Carbon tetrachloride	599	U
563-58-6	1,1-Dichloropropene	599	U
71-43-2	Benzene	599	U
107-06-2	1,2-Dichloroethane	599	U
79-01-6	Trichloroethene	599	U
108-05-4	Vinyl acetate	1200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD66

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747102 Lab File ID: 47102M.D

Sample wt/vol: 1.67 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1537

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	599	U
74-95-3	Dibromomethane	599	U
75-27-4	Bromodichloromethane	599	U
10061-01-5	cis-1,3-Dichloropropene	599	U
108-10-1	4-Methyl-2-pentanone	1200	U
108-88-3	Toluene	599	U
10061-02-6	trans-1,3-Dichloropropene	599	U
79-00-5	1,1,2-Trichloroethane	599	U
127-18-4	Tetrachloroethene	1500	U
142-28-9	1,3-Dichloropropane	599	U
591-78-6	2-Hexanone	1200	U
124-48-1	Dibromochloromethane	599	U
106-93-4	1,2-Dibromoethane(EDB)	599	U
108-90-7	Chlorobenzene	599	U
630-20-6	1,1,1,2-Tetrachloroethane	599	U
100-41-4	Ethylbenzene	599	U
511-39-00	p,m-Xylene	1200	U
95-47-6	o-Xylene	599	U
100-42-5	Styrene	599	U
75-25-2	Bromoform	1500	U
98-82-8	Isopropylbenzene (Cumene)	599	U
108-86-1	Bromobenzene	599	U
79-34-5	1,1,2,2-Tetrachloroethane	599	U
96-18-4	1,2,3-Trichloropropane	599	U
103-65-1	n-Propylbenzene	599	U
95-49-8	2-Chlorotoluene	599	U
106-43-4	4-Chlorotoluene	599	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD66

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747102 Lab File ID: 47102M.D

Sample wt/vol: 1.67 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1537

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	599	U
98-06-6	tert-Butylbenzene	599	U
95-63-6	1,2,4-Trimethylbenzene	599	U
135-98-8	sec-Butylbenzene	599	U
541-73-1	1,3-Dichlorobenzene	599	U
106-46-7	1,4-Dichlorobenzene	599	U
99-87-6	4-Isopropyltoluene	599	U
104-51-8	n-Butylbenzene	599	U
95-50-1	1,2-Dichlorobenzene	599	U
96-12-8	1,2-Dibromo-3-chloropropane	2990	U
120-82-1	1,2,4-Trichlorobenzene	599	U
87-68-3	Hexachlorobutadiene	898	U
91-20-3	Naphthalene	599	U
87-61-6	1,2,3-Trichlorobenzene	599	U
1634-04-4	MTBE	599	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD60

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747103 Lab File ID: 47103M.D

Sample wt/vol: 2.22 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1513

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	450	U
74-87-3	Chloromethane	450	U
75-01-4	Vinyl chloride	450	U
74-83-9	Bromomethane	450	U
75-00-3	Chloroethane	1130	U
75-69-4	Trichlorofluoromethane	450	U
75-35-4	1,1-Dichloroethene	450	U
107-02-8	Acrolein	5630	U
74-88-4	Methyl iodide	450	U
75-15-0	Carbon disulfide	450	U
75-09-2	Methylene chloride	1130	U
156-60-5	trans-1,2-Dichloroethene	450	U
107-13-1	Acrylonitrile	1130	U
75-34-3	1,1-Dichloroethane	450	U
67-64-1	Acetone	5880	
594-20-7	2,2-Dichloropropane	450	U
156-59-2	cis-1,2-Dichloroethene	450	U
74-97-5	Bromochloromethane	450	U
78-93-3	2-Butanone	954	J
67-66-3	Chloroform	450	U
71-55-6	1,1,1-Trichloroethane	450	U
56-23-5	Carbon tetrachloride	450	U
563-58-6	1,1-Dichloropropene	450	U
71-43-2	Benzene	450	U
107-06-2	1,2-Dichloroethane	450	U
79-01-6	Trichloroethene	450	U
108-05-4	Vinyl acetate	901	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD60

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747103 Lab File ID: 47103M.D

Sample wt/vol: 2.22 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1513

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	450	U
74-95-3	Dibromomethane	450	U
75-27-4	Bromodichloromethane	450	U
10061-01-5	cis-1,3-Dichloropropene	450	U
108-10-1	4-Methyl-2-pentanone	901	U
108-88-3	Toluene	491	
10061-02-6	trans-1,3-Dichloropropene	450	U
79-00-5	1,1,2-Trichloroethane	450	U
127-18-4	Tetrachloroethene	1130	U
142-28-9	1,3-Dichloropropane	450	U
591-78-6	2-Hexanone	901	U
124-48-1	Dibromochloromethane	450	U
106-93-4	1,2-Dibromoethane(EDB)	450	U
108-90-7	Chlorobenzene	450	U
630-20-6	1,1,1,2-Tetrachloroethane	450	U
100-41-4	Ethylbenzene	450	U
511-39-00	p,m-Xylene	507	J
95-47-6	o-Xylene	218	J
100-42-5	Styrene	450	U
75-25-2	Bromoform	1130	U
98-82-8	Isopropylbenzene (Cumene)	450	U
108-86-1	Bromobenzene	450	U
79-34-5	1,1,2,2-Tetrachloroethane	450	U
96-18-4	1,2,3-Trichloropropane	450	U
103-65-1	n-Propylbenzene	450	U
95-49-8	2-Chlorotoluene	450	U
106-43-4	4-Chlorotoluene	450	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD60

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747103 Lab File ID: 47103M.D

Sample wt/vol: 2.22 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1513

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	450	U
98-06-6	tert-Butylbenzene	450	U
95-63-6	1,2,4-Trimethylbenzene	206	J
135-98-8	sec-Butylbenzene	450	U
541-73-1	1,3-Dichlorobenzene	450	U
106-46-7	1,4-Dichlorobenzene	450	U
99-87-6	4-Isopropyltoluene	450	U
104-51-8	n-Butylbenzene	450	U
95-50-1	1,2-Dichlorobenzene	450	U
96-12-8	1,2-Dibromo-3-chloropropane	2250	U
120-82-1	1,2,4-Trichlorobenzene	450	U
87-68-3	Hexachlorobutadiene	676	U
91-20-3	Naphthalene	977	
87-61-6	1,2,3-Trichlorobenzene	450	U
1634-04-4	MTBE	450	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD61

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747104 Lab File ID: 47104M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1449

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	513	U
74-87-3	Chloromethane	513	U
75-01-4	Vinyl chloride	513	U
74-83-9	Bromomethane	513	U
75-00-3	Chloroethane	1280	U
75-69-4	Trichlorofluoromethane	513	U
75-35-4	1,1-Dichloroethene	513	U
107-02-8	Acrolein	6410	U
74-88-4	Methyl iodide	513	U
75-15-0	Carbon disulfide	513	U
75-09-2	Methylene chloride	1280	U
156-60-5	trans-1,2-Dichloroethene	513	U
107-13-1	Acrylonitrile	1280	U
75-34-3	1,1-Dichloroethane	513	U
67-64-1	Acetone	5710	
594-20-7	2,2-Dichloropropane	513	U
156-59-2	cis-1,2-Dichloroethene	513	U
74-97-5	Bromochloromethane	513	U
78-93-3	2-Butanone	2560	U
67-66-3	Chloroform	513	U
71-55-6	1,1,1-Trichloroethane	513	U
56-23-5	Carbon tetrachloride	513	U
563-58-6	1,1-Dichloropropene	513	U
71-43-2	Benzene	513	U
107-06-2	1,2-Dichloroethane	513	U
79-01-6	Trichloroethene	513	U
108-05-4	Vinyl acetate	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD61

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747104 Lab File ID: 47104M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1449

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	513	U
74-95-3	Dibromomethane	513	U
75-27-4	Bromodichloromethane	513	U
10061-01-5	cis-1,3-Dichloropropene	513	U
108-10-1	4-Methyl-2-pentanone	1020	U
108-88-3	Toluene	181	J
10061-02-6	trans-1,3-Dichloropropene	513	U
79-00-5	1,1,2-Trichloroethane	513	U
127-18-4	Tetrachloroethene	1280	U
142-28-9	1,3-Dichloropropane	513	U
591-78-6	2-Hexanone	1020	U
124-48-1	Dibromochloromethane	513	U
106-93-4	1,2-Dibromoethane(EDB)	513	U
108-90-7	Chlorobenzene	513	U
630-20-6	1,1,1,2-Tetrachloroethane	513	U
100-41-4	Ethylbenzene	513	U
511-39-00	p,m-Xylene	1020	U
95-47-6	o-Xylene	513	U
100-42-5	Styrene	513	U
75-25-2	Bromoform	1280	U
98-82-8	Isopropylbenzene (Cumene)	513	U
108-86-1	Bromobenzene	513	U
79-34-5	1,1,2,2-Tetrachloroethane	513	U
96-18-4	1,2,3-Trichloropropane	513	U
103-65-1	n-Propylbenzene	513	U
95-49-8	2-Chlorotoluene	513	U
106-43-4	4-Chlorotoluene	513	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD61

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747104 Lab File ID: 47104M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1449

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	513	U
98-06-6	tert-Butylbenzene	513	U
95-63-6	1,2,4-Trimethylbenzene	513	U
135-98-8	sec-Butylbenzene	513	U
541-73-1	1,3-Dichlorobenzene	513	U
106-46-7	1,4-Dichlorobenzene	513	U
99-87-6	4-Isopropyltoluene	513	U
104-51-8	n-Butylbenzene	513	U
95-50-1	1,2-Dichlorobenzene	513	U
96-12-8	1,2-Dibromo-3-chloropropane	2560	U
120-82-1	1,2,4-Trichlorobenzene	513	U
87-68-3	Hexachlorobutadiene	769	U
91-20-3	Naphthalene	469	J
87-61-6	1,2,3-Trichlorobenzene	513	U
1634-04-4	MTBE	513	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD59

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747105 Lab File ID: 47105M.D

Sample wt/vol: 1.89 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1426

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	529	U
74-87-3	Chloromethane	529	U
75-01-4	Vinyl chloride	529	U
74-83-9	Bromomethane	529	U
75-00-3	Chloroethane	1320	U
75-69-4	Trichlorofluoromethane	529	U
75-35-4	1,1-Dichloroethene	529	U
107-02-8	Acrolein	6610	U
74-88-4	Methyl iodide	529	U
75-15-0	Carbon disulfide	529	U
75-09-2	Methylene chloride	1320	U
156-60-5	trans-1,2-Dichloroethene	529	U
107-13-1	Acrylonitrile	1320	U
75-34-3	1,1-Dichloroethane	529	U
67-64-1	Acetone	5340	
594-20-7	2,2-Dichloropropane	529	U
156-59-2	cis-1,2-Dichloroethene	529	U
74-97-5	Bromochloromethane	529	U
78-93-3	2-Butanone	2310	J
67-66-3	Chloroform	529	U
71-55-6	1,1,1-Trichloroethane	529	U
56-23-5	Carbon tetrachloride	529	U
563-58-6	1,1-Dichloropropene	529	U
71-43-2	Benzene	529	U
107-06-2	1,2-Dichloroethane	529	U
79-01-6	Trichloroethene	529	U
108-05-4	Vinyl acetate	1060	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD59

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747105 Lab File ID: 47105M.D

Sample wt/vol: 1.89 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1426

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	529	U
74-95-3	Dibromomethane	529	U
75-27-4	Bromodichloromethane	529	U
10061-01-5	cis-1,3-Dichloropropene	529	U
108-10-1	4-Methyl-2-pentanone	1060	U
108-88-3	Toluene	529	U
10061-02-6	trans-1,3-Dichloropropene	529	U
79-00-5	1,1,2-Trichloroethane	529	U
127-18-4	Tetrachloroethene	1320	U
142-28-9	1,3-Dichloropropane	529	U
591-78-6	2-Hexanone	1060	U
124-48-1	Dibromochloromethane	529	U
106-93-4	1,2-Dibromoethane(EDB)	529	U
108-90-7	Chlorobenzene	529	U
630-20-6	1,1,1,2-Tetrachloroethane	529	U
100-41-4	Ethylbenzene	529	U
511-39-00	p,m-Xylene	1060	U
95-47-6	o-Xylene	529	U
100-42-5	Styrene	529	U
75-25-2	Bromoform	1320	U
98-82-8	Isopropylbenzene (Cumene)	529	U
108-86-1	Bromobenzene	529	U
79-34-5	1,1,2,2-Tetrachloroethane	529	U
96-18-4	1,2,3-Trichloropropane	529	U
103-65-1	n-Propylbenzene	529	U
95-49-8	2-Chlorotoluene	529	U
106-43-4	4-Chlorotoluene	529	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD59

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747105 Lab File ID: 47105M.D

Sample wt/vol: 1.89 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1426

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	529	U
98-06-6	tert-Butylbenzene	529	U
95-63-6	1,2,4-Trimethylbenzene	353	J
135-98-8	sec-Butylbenzene	529	U
541-73-1	1,3-Dichlorobenzene	529	U
106-46-7	1,4-Dichlorobenzene	529	U
99-87-6	4-Isopropyltoluene	529	U
104-51-8	n-Butylbenzene	529	U
95-50-1	1,2-Dichlorobenzene	529	U
96-12-8	1,2-Dibromo-3-chloropropane	2640	U
120-82-1	1,2,4-Trichlorobenzene	529	U
87-68-3	Hexachlorobutadiene	794	U
91-20-3	Naphthalene	766	
87-61-6	1,2,3-Trichlorobenzene	529	U
1634-04-4	MTBE	529	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD57

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747106 Lab File ID: 47106M.D

Sample wt/vol: 1.78 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1402

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	562	U
74-87-3	Chloromethane	562	U
75-01-4	Vinyl chloride	562	U
74-83-9	Bromomethane	562	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	562	U
75-35-4	1,1-Dichloroethene	562	U
107-02-8	Acrolein	7020	U
74-88-4	Methyl iodide	562	U
75-15-0	Carbon disulfide	562	U
75-09-2	Methylene chloride	1400	U
156-60-5	trans-1,2-Dichloroethene	562	U
107-13-1	Acrylonitrile	1400	U
75-34-3	1,1-Dichloroethane	562	U
67-64-1	Acetone	2570	J
594-20-7	2,2-Dichloropropane	562	U
156-59-2	cis-1,2-Dichloroethene	562	U
74-97-5	Bromochloromethane	562	U
78-93-3	2-Butanone	2810	U
67-66-3	Chloroform	562	U
71-55-6	1,1,1-Trichloroethane	562	U
56-23-5	Carbon tetrachloride	562	U
563-58-6	1,1-Dichloropropene	562	U
71-43-2	Benzene	185	J
107-06-2	1,2-Dichloroethane	562	U
79-01-6	Trichloroethene	562	U
108-05-4	Vinyl acetate	1120	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD57

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747106 Lab File ID: 47106M.D

Sample wt/vol: 1.78 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1402

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	562	U
74-95-3	Dibromomethane	562	U
75-27-4	Bromodichloromethane	562	U
10061-01-5	cis-1,3-Dichloropropene	562	U
108-10-1	4-Methyl-2-pentanone	1120	U
108-88-3	Toluene	505	J
10061-02-6	trans-1,3-Dichloropropene	562	U
79-00-5	1,1,2-Trichloroethane	562	U
127-18-4	Tetrachloroethene	1400	U
142-28-9	1,3-Dichloropropane	562	U
591-78-6	2-Hexanone	1120	U
124-48-1	Dibromochloromethane	562	U
106-93-4	1,2-Dibromoethane(EDB)	562	U
108-90-7	Chlorobenzene	562	U
630-20-6	1,1,1,2-Tetrachloroethane	562	U
100-41-4	Ethylbenzene	562	U
511-39-00	p,m-Xylene	1120	U
95-47-6	o-Xylene	562	U
100-42-5	Styrene	562	U
75-25-2	Bromoform	1400	U
98-82-8	Isopropylbenzene (Cumene)	562	U
108-86-1	Bromobenzene	562	U
79-34-5	1,1,2,2-Tetrachloroethane	562	U
96-18-4	1,2,3-Trichloropropane	562	U
103-65-1	n-Propylbenzene	562	U
95-49-8	2-Chlorotoluene	562	U
106-43-4	4-Chlorotoluene	562	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD57

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747106 Lab File ID: 47106M.D

Sample wt/vol: 1.78 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1402

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	562	U
98-06-6	tert-Butylbenzene	562	U
95-63-6	1,2,4-Trimethylbenzene	562	U
135-98-8	sec-Butylbenzene	562	U
541-73-1	1,3-Dichlorobenzene	562	U
106-46-7	1,4-Dichlorobenzene	562	U
99-87-6	4-Isopropyltoluene	562	U
104-51-8	n-Butylbenzene	562	U
95-50-1	1,2-Dichlorobenzene	562	U
96-12-8	1,2-Dibromo-3-chloropropane	2810	U
120-82-1	1,2,4-Trichlorobenzene	562	U
87-68-3	Hexachlorobutadiene	843	U
91-20-3	Naphthalene	506	J
87-61-6	1,2,3-Trichlorobenzene	562	U
1634-04-4	MTBE	562	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD58

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747107 Lab File ID: 47107M.D

Sample wt/vol: 1.81 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1338

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	552	U
74-87-3	Chloromethane	552	U
75-01-4	Vinyl chloride	552	U
74-83-9	Bromomethane	552	U
75-00-3	Chloroethane	1380	U
75-69-4	Trichlorofluoromethane	552	U
75-35-4	1,1-Dichloroethene	552	U
107-02-8	Acrolein	6910	U
74-88-4	Methyl iodide	552	U
75-15-0	Carbon disulfide	552	U
75-09-2	Methylene chloride	1380	U
156-60-5	trans-1,2-Dichloroethene	552	U
107-13-1	Acrylonitrile	1380	U
75-34-3	1,1-Dichloroethane	552	U
67-64-1	Acetone	9700	
594-20-7	2,2-Dichloropropane	552	U
156-59-2	cis-1,2-Dichloroethene	552	U
74-97-5	Bromochloromethane	552	U
78-93-3	2-Butanone	3220	
67-66-3	Chloroform	552	U
71-55-6	1,1,1-Trichloroethane	552	U
56-23-5	Carbon tetrachloride	552	U
563-58-6	1,1-Dichloropropene	552	U
71-43-2	Benzene	552	U
107-06-2	1,2-Dichloroethane	552	U
79-01-6	Trichloroethene	552	U
108-05-4	Vinyl acetate	1100	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD58

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747107 Lab File ID: 47107M.D

Sample wt/vol: 1.81 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1338

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	552	U
74-95-3	Dibromomethane	552	U
75-27-4	Bromodichloromethane	552	U
10061-01-5	cis-1,3-Dichloropropene	552	U
108-10-1	4-Methyl-2-pentanone	1100	U
108-88-3	Toluene	326	J
10061-02-6	trans-1,3-Dichloropropene	552	U
79-00-5	1,1,2-Trichloroethane	552	U
127-18-4	Tetrachloroethene	1380	U
142-28-9	1,3-Dichloropropane	552	U
591-78-6	2-Hexanone	1100	U
124-48-1	Dibromochloromethane	552	U
106-93-4	1,2-Dibromoethane(EDB)	552	U
108-90-7	Chlorobenzene	552	U
630-20-6	1,1,1,2-Tetrachloroethane	552	U
100-41-4	Ethylbenzene	552	U
511-39-00	p,m-Xylene	3290	
95-47-6	o-Xylene	552	U
100-42-5	Styrene	552	U
75-25-2	Bromoform	1380	U
98-82-8	Isopropylbenzene (Cumene)	552	U
108-86-1	Bromobenzene	552	U
79-34-5	1,1,2,2-Tetrachloroethane	552	U
96-18-4	1,2,3-Trichloropropane	552	U
103-65-1	n-Propylbenzene	552	U
95-49-8	2-Chlorotoluene	552	U
106-43-4	4-Chlorotoluene	552	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD58

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747107 Lab File ID: 47107M.D

Sample wt/vol: 1.81 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1338

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	552	U
98-06-6	tert-Butylbenzene	552	U
95-63-6	1,2,4-Trimethylbenzene	475	J
135-98-8	sec-Butylbenzene	552	U
541-73-1	1,3-Dichlorobenzene	552	U
106-46-7	1,4-Dichlorobenzene	552	U
99-87-6	4-Isopropyltoluene	552	U
104-51-8	n-Butylbenzene	114	J
95-50-1	1,2-Dichlorobenzene	552	U
96-12-8	1,2-Dibromo-3-chloropropane	2760	U
120-82-1	1,2,4-Trichlorobenzene	552	U
87-68-3	Hexachlorobutadiene	829	U
91-20-3	Naphthalene	1050	
87-61-6	1,2,3-Trichlorobenzene	552	U
1634-04-4	MTBE	552	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD56

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747108 Lab File ID: 47108M.D

Sample wt/vol: 1.93 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1315

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	518	U
74-87-3	Chloromethane	518	U
75-01-4	Vinyl chloride	518	U
74-83-9	Bromomethane	518	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	518	U
75-35-4	1,1-Dichloroethene	518	U
107-02-8	Acrolein	6480	U
74-88-4	Methyl iodide	518	U
75-15-0	Carbon disulfide	518	U
75-09-2	Methylene chloride	1300	U
156-60-5	trans-1,2-Dichloroethene	518	U
107-13-1	Acrylonitrile	1300	U
75-34-3	1,1-Dichloroethane	518	U
67-64-1	Acetone	2590	U
594-20-7	2,2-Dichloropropane	518	U
156-59-2	cis-1,2-Dichloroethene	518	U
74-97-5	Bromochloromethane	518	U
78-93-3	2-Butanone	2590	U
67-66-3	Chloroform	518	U
71-55-6	1,1,1-Trichloroethane	518	U
56-23-5	Carbon tetrachloride	518	U
563-58-6	1,1-Dichloropropene	518	U
71-43-2	Benzene	518	U
107-06-2	1,2-Dichloroethane	518	U
79-01-6	Trichloroethene	518	U
108-05-4	Vinyl acetate	1040	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD56

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747108 Lab File ID: 47108M.D

Sample wt/vol: 1.93 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1315

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	518	U
74-95-3	Dibromomethane	518	U
75-27-4	Bromodichloromethane	518	U
10061-01-5	cis-1,3-Dichloropropene	518	U
108-10-1	4-Methyl-2-pentanone	1040	U
108-88-3	Toluene	518	U
10061-02-6	trans-1,3-Dichloropropene	518	U
79-00-5	1,1,2-Trichloroethane	518	U
127-18-4	Tetrachloroethene	1300	U
142-28-9	1,3-Dichloropropane	518	U
591-78-6	2-Hexanone	1040	U
124-48-1	Dibromochloromethane	518	U
106-93-4	1,2-Dibromoethane(EDB)	518	U
108-90-7	Chlorobenzene	518	U
630-20-6	1,1,1,2-Tetrachloroethane	518	U
100-41-4	Ethylbenzene	518	U
511-39-00	p,m-Xylene	1040	U
95-47-6	o-Xylene	518	U
100-42-5	Styrene	518	U
75-25-2	Bromoform	1300	U
98-82-8	Isopropylbenzene (Cumene)	518	U
108-86-1	Bromobenzene	518	U
79-34-5	1,1,2,2-Tetrachloroethane	518	U
96-18-4	1,2,3-Trichloropropane	518	U
103-65-1	n-Propylbenzene	518	U
95-49-8	2-Chlorotoluene	518	U
106-43-4	4-Chlorotoluene	518	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD56

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747108 Lab File ID: 47108M.D

Sample wt/vol: 1.93 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1315

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	518	U
98-06-6	tert-Butylbenzene	518	U
95-63-6	1,2,4-Trimethylbenzene	518	U
135-98-8	sec-Butylbenzene	518	U
541-73-1	1,3-Dichlorobenzene	518	U
106-46-7	1,4-Dichlorobenzene	518	U
99-87-6	4-Isopropyltoluene	518	U
104-51-8	n-Butylbenzene	518	U
95-50-1	1,2-Dichlorobenzene	518	U
96-12-8	1,2-Dibromo-3-chloropropane	2590	U
120-82-1	1,2,4-Trichlorobenzene	518	U
87-68-3	Hexachlorobutadiene	777	U
91-20-3	Naphthalene	518	U
87-61-6	1,2,3-Trichlorobenzene	518	U
1634-04-4	MTBE	518	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747109 Lab File ID: 47109M.D

Sample wt/vol: 1.31 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1251

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	763	U
74-87-3	Chloromethane	763	U
75-01-4	Vinyl chloride	763	U
74-83-9	Bromomethane	763	U
75-00-3	Chloroethane	1910	U
75-69-4	Trichlorofluoromethane	763	U
75-35-4	1,1-Dichloroethene	763	U
107-02-8	Acrolein	9540	U
74-88-4	Methyl iodide	763	U
75-15-0	Carbon disulfide	763	U
75-09-2	Methylene chloride	1910	U
156-60-5	trans-1,2-Dichloroethene	763	U
107-13-1	Acrylonitrile	1910	U
75-34-3	1,1-Dichloroethane	763	U
67-64-1	Acetone	3820	U
594-20-7	2,2-Dichloropropane	763	U
156-59-2	cis-1,2-Dichloroethene	763	U
74-97-5	Bromochloromethane	763	U
78-93-3	2-Butanone	3820	U
67-66-3	Chloroform	763	U
71-55-6	1,1,1-Trichloroethane	763	U
56-23-5	Carbon tetrachloride	763	U
563-58-6	1,1-Dichloropropene	763	U
71-43-2	Benzene	763	U
107-06-2	1,2-Dichloroethane	763	U
79-01-6	Trichloroethene	763	U
108-05-4	Vinyl acetate	1530	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747109 Lab File ID: 47109M.D

Sample wt/vol: 1.31 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1251

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	763	U
74-95-3	Dibromomethane	763	U
75-27-4	Bromodichloromethane	763	U
10061-01-5	cis-1,3-Dichloropropene	763	U
108-10-1	4-Methyl-2-pentanone	1530	U
108-88-3	Toluene	718	J
10061-02-6	trans-1,3-Dichloropropene	763	U
79-00-5	1,1,2-Trichloroethane	763	U
127-18-4	Tetrachloroethene	1910	U
142-28-9	1,3-Dichloropropane	763	U
591-78-6	2-Hexanone	1530	U
124-48-1	Dibromochloromethane	763	U
106-93-4	1,2-Dibromoethane(EDB)	763	U
108-90-7	Chlorobenzene	763	U
630-20-6	1,1,1,2-Tetrachloroethane	763	U
100-41-4	Ethylbenzene	763	U
511-39-00	p,m-Xylene	1530	U
95-47-6	o-Xylene	763	U
100-42-5	Styrene	763	U
75-25-2	Bromoform	1910	U
98-82-8	Isopropylbenzene (Cumene)	763	U
108-86-1	Bromobenzene	763	U
79-34-5	1,1,2,2-Tetrachloroethane	763	U
96-18-4	1,2,3-Trichloropropane	763	U
103-65-1	n-Propylbenzene	763	U
95-49-8	2-Chlorotoluene	763	U
106-43-4	4-Chlorotoluene	763	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747109 Lab File ID: 47109M.D

Sample wt/vol: 1.31 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1251

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	763	U
98-06-6	tert-Butylbenzene	763	U
95-63-6	1,2,4-Trimethylbenzene	451	J
135-98-8	sec-Butylbenzene	763	U
541-73-1	1,3-Dichlorobenzene	763	U
106-46-7	1,4-Dichlorobenzene	763	U
99-87-6	4-Isopropyltoluene	763	U
104-51-8	n-Butylbenzene	186	J
95-50-1	1,2-Dichlorobenzene	763	U
96-12-8	1,2-Dibromo-3-chloropropane	3820	U
120-82-1	1,2,4-Trichlorobenzene	763	U
87-68-3	Hexachlorobutadiene	1140	U
91-20-3	Naphthalene	409	J
87-61-6	1,2,3-Trichlorobenzene	763	U
1634-04-4	MTBE	763	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747110 Lab File ID: 47110M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1227

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	513	U
74-87-3	Chloromethane	513	U
75-01-4	Vinyl chloride	513	U
74-83-9	Bromomethane	513	U
75-00-3	Chloroethane	1280	U
75-69-4	Trichlorofluoromethane	513	U
75-35-4	1,1-Dichloroethene	513	U
107-02-8	Acrolein	6410	U
74-88-4	Methyl iodide	513	U
75-15-0	Carbon disulfide	513	U
75-09-2	Methylene chloride	1280	U
156-60-5	trans-1,2-Dichloroethene	513	U
107-13-1	Acrylonitrile	1280	U
75-34-3	1,1-Dichloroethane	513	U
67-64-1	Acetone	2560	U
594-20-7	2,2-Dichloropropane	513	U
156-59-2	cis-1,2-Dichloroethene	513	U
74-97-5	Bromochloromethane	513	U
78-93-3	2-Butanone	2560	U
67-66-3	Chloroform	513	U
71-55-6	1,1,1-Trichloroethane	513	U
56-23-5	Carbon tetrachloride	513	U
563-58-6	1,1-Dichloropropene	513	U
71-43-2	Benzene	513	U
107-06-2	1,2-Dichloroethane	513	U
79-01-6	Trichloroethene	513	U
108-05-4	Vinyl acetate	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747110 Lab File ID: 47110M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1227

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	513	U
74-95-3	Dibromomethane	513	U
75-27-4	Bromodichloromethane	513	U
10061-01-5	cis-1,3-Dichloropropene	513	U
108-10-1	4-Methyl-2-pentanone	1020	U
108-88-3	Toluene	542	
10061-02-6	trans-1,3-Dichloropropene	513	U
79-00-5	1,1,2-Trichloroethane	513	U
127-18-4	Tetrachloroethene	359	J
142-28-9	1,3-Dichloropropane	513	U
591-78-6	2-Hexanone	1020	U
124-48-1	Dibromochloromethane	513	U
106-93-4	1,2-Dibromoethane(EDB)	513	U
108-90-7	Chlorobenzene	513	U
630-20-6	1,1,1,2-Tetrachloroethane	513	U
100-41-4	Ethylbenzene	235	J
511-39-00	p,m-Xylene	1340	
95-47-6	o-Xylene	757	
100-42-5	Styrene	513	U
75-25-2	Bromoform	1280	U
98-82-8	Isopropylbenzene (Cumene)	513	U
108-86-1	Bromobenzene	513	U
79-34-5	1,1,2,2-Tetrachloroethane	513	U
96-18-4	1,2,3-Trichloropropane	513	U
103-65-1	n-Propylbenzene	277	J
95-49-8	2-Chlorotoluene	513	U
106-43-4	4-Chlorotoluene	513	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747110 Lab File ID: 47110M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1227

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	513	U
98-06-6	tert-Butylbenzene	513	U
95-63-6	1,2,4-Trimethylbenzene	3620	
135-98-8	sec-Butylbenzene	513	U
541-73-1	1,3-Dichlorobenzene	513	U
106-46-7	1,4-Dichlorobenzene	513	U
99-87-6	4-Isopropyltoluene	513	U
104-51-8	n-Butylbenzene	468	J
95-50-1	1,2-Dichlorobenzene	513	U
96-12-8	1,2-Dibromo-3-chloropropane	2560	U
120-82-1	1,2,4-Trichlorobenzene	513	U
87-68-3	Hexachlorobutadiene	769	U
91-20-3	Naphthalene	1640	
87-61-6	1,2,3-Trichlorobenzene	513	U
1634-04-4	MTBE	513	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB-07-(7.2)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747111 Lab File ID: 47111.D

Sample wt/vol: 5.2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1539

PercentSolids: 87.7 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2.2	U
74-87-3	Chloromethane	2.2	U
75-01-4	Vinyl chloride	2.2	U
74-83-9	Bromomethane	2.2	U
75-00-3	Chloroethane	5.5	U
75-69-4	Trichlorofluoromethane	2.5	
75-35-4	1,1-Dichloroethene	2.2	U
107-02-8	Acrolein	27.4	U
74-88-4	Methyl iodide	2.2	U
75-15-0	Carbon disulfide	2.2	U
75-09-2	Methylene chloride	5.5	U
156-60-5	trans-1,2-Dichloroethene	2.2	U
107-13-1	Acrylonitrile	5.5	U
75-34-3	1,1-Dichloroethane	2.2	U
67-64-1	Acetone	17	
594-20-7	2,2-Dichloropropane	2.2	U
156-59-2	cis-1,2-Dichloroethene	1	J
74-97-5	Bromochloromethane	2.2	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	2.2	U
71-55-6	1,1,1-Trichloroethane	2.2	U
56-23-5	Carbon tetrachloride	2.2	U
563-58-6	1,1-Dichloropropene	2.2	U
71-43-2	Benzene	2.2	U
107-06-2	1,2-Dichloroethane	2.2	U
79-01-6	Trichloroethene	2.2	U
108-05-4	Vinyl acetate	4.4	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB-07-(7.2)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747111 Lab File ID: 47111.D

Sample wt/vol: 5.2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1539

PercentSolids: 87.7 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2.2	U
74-95-3	Dibromomethane	2.2	U
75-27-4	Bromodichloromethane	2.2	U
10061-01-5	cis-1,3-Dichloropropene	2.2	U
108-10-1	4-Methyl-2-pentanone	4.4	U
108-88-3	Toluene	2.2	U
10061-02-6	trans-1,3-Dichloropropene	2.2	U
79-00-5	1,1,2-Trichloroethane	2.2	U
127-18-4	Tetrachloroethene	5.5	U
142-28-9	1,3-Dichloropropane	2.2	U
591-78-6	2-Hexanone	4.4	U
124-48-1	Dibromochloromethane	2.2	U
106-93-4	1,2-Dibromoethane(EDB)	2.2	U
108-90-7	Chlorobenzene	2.2	U
630-20-6	1,1,1,2-Tetrachloroethane	2.2	U
100-41-4	Ethylbenzene	2.2	U
511-39-00	p,m-Xylene	4.4	U
95-47-6	o-Xylene	2.2	U
100-42-5	Styrene	2.2	U
75-25-2	Bromoform	5.5	U
98-82-8	Isopropylbenzene (Cumene)	2.2	U
108-86-1	Bromobenzene	2.2	U
79-34-5	1,1,2,2-Tetrachloroethane	2.2	U
96-18-4	1,2,3-Trichloropropane	2.2	U
103-65-1	n-Propylbenzene	2.2	U
95-49-8	2-Chlorotoluene	2.2	U
106-43-4	4-Chlorotoluene	2.2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB-07-(7.2)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747111 Lab File ID: 47111.D

Sample wt/vol: 5.2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1539

PercentSolids: 87.7 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2.2	U
98-06-6	tert-Butylbenzene	2.2	U
95-63-6	1,2,4-Trimethylbenzene	2.2	U
135-98-8	sec-Butylbenzene	2.2	U
541-73-1	1,3-Dichlorobenzene	2.2	U
106-46-7	1,4-Dichlorobenzene	2.2	U
99-87-6	4-Isopropyltoluene	2.2	U
104-51-8	n-Butylbenzene	2.2	U
95-50-1	1,2-Dichlorobenzene	2.2	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	2.2	U
87-68-3	Hexachlorobutadiene	3.3	U
91-20-3	Naphthalene	2.2	U
87-61-6	1,2,3-Trichlorobenzene	2.2	U
1634-04-4	MTBE	2.2	U

QC Summary

130907 1354

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 083007BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1042

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	2	U
74-87-3	Chloromethane	2	U
75-01-4	Vinyl chloride	2	U
74-83-9	Bromomethane	2	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	2	U
75-35-4	1,1-Dichloroethene	2	U
107-02-8	Acrolein	25	U
74-88-4	Methyl iodide	2	U
75-15-0	Carbon disulfide	2	U
75-09-2	Methylene chloride	5	U
156-60-5	trans-1,2-Dichloroethene	2	U
107-13-1	Acrylonitrile	5	U
75-34-3	1,1-Dichloroethane	2	U
67-64-1	Acetone	10	U
594-20-7	2,2-Dichloropropane	2	U
156-59-2	cis-1,2-Dichloroethene	2	U
74-97-5	Bromochloromethane	2	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	2	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon tetrachloride	2	U
563-58-6	1,1-Dichloropropene	2	U
71-43-2	Benzene	2	U
107-06-2	1,2-Dichloroethane	2	U
79-01-6	Trichloroethene	2	U
108-05-4	Vinyl acetate	4	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 083007BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1042

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	2	U
74-95-3	Dibromomethane	2	U
75-27-4	Bromodichloromethane	2	U
10061-01-5	cis-1,3-Dichloropropene	2	U
108-10-1	4-Methyl-2-pentanone	4	U
108-88-3	Toluene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
79-00-5	1,1,2-Trichloroethane	2	U
127-18-4	Tetrachloroethene	5	U
142-28-9	1,3-Dichloropropane	2	U
591-78-6	2-Hexanone	4	U
124-48-1	Dibromochloromethane	2	U
106-93-4	1,2-Dibromoethane(EDB)	2	U
108-90-7	Chlorobenzene	2	U
630-20-6	1,1,1,2-Tetrachloroethane	2	U
100-41-4	Ethylbenzene	2	U
511-39-00	p,m-Xylene	4	U
95-47-6	o-Xylene	2	U
100-42-5	Styrene	2	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene (Cumene)	2	U
108-86-1	Bromobenzene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U
96-18-4	1,2,3-Trichloropropane	2	U
103-65-1	n-Propylbenzene	2	U
95-49-8	2-Chlorotoluene	2	U
106-43-4	4-Chlorotoluene	2	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLK12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 083007BLK12 Lab File ID: BLK12.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1042

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	2	U
98-06-6	tert-Butylbenzene	2	U
95-63-6	1,2,4-Trimethylbenzene	2	U
135-98-8	sec-Butylbenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
99-87-6	4-Isopropyltoluene	2	U
104-51-8	n-Butylbenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	2	U
87-68-3	Hexachlorobutadiene	3	U
91-20-3	Naphthalene	2	U
87-61-6	1,2,3-Trichlorobenzene	2	U
1634-04-4	MTBE	2	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 090807BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1204

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 090807BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1204

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 090807BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1204

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 083007LCS12

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	20	18	90.0		30.0	45 - 128
Chloromethane	20	17.5	87.5		30.0	70 - 130
Vinyl chloride	20	18.1	90.5		30.0	70 - 130
Bromomethane	20	10.9	54.5		30.0	39 - 148
Chloroethane	20	15.5	77.5		30.0	55 - 139
Trichlorofluoromethane	20	18.8	94.0		30.0	70 - 130
1,1-Dichloroethene	20	19	95.0		30.0	70 - 130
Acrolein	60	37.8	63.0 *		30.0	69 - 130
Methyl iodide	20	19.2	96.0		30.0	55 - 133
Carbon disulfide	20	19.8	99.0		30.0	65 - 130
Methylene chloride	20	18.1	90.5		30.0	70 - 130
trans-1,2-Dichloroethene	20	20	100.0		30.0	70 - 130
Acrylonitrile	60	44.3	73.8		30.0	70 - 130
1,1-Dichloroethane	20	20.7	104.0		30.0	70 - 130
Acetone	60	77.8	130.0		30.0	58 - 133
2,2-Dichloropropane	20	19.9	99.5		30.0	70 - 130
cis-1,2-Dichloroethene	20	21.4	107.0		30.0	70 - 130
Bromochloromethane	20	20.6	103.0		30.0	70 - 130
2-Butanone	60	56.5	94.2		30.0	70 - 130
Chloroform	20	20.4	102.0		30.0	70 - 130
1,1,1-Trichloroethane	20	21.3	106.0		30.0	70 - 130
Carbon tetrachloride	20	21.9	110.0		30.0	70 - 130
1,1-Dichloropropene	20	20.8	104.0		30.0	70 - 130
Benzene	20	20.6	103.0		30.0	70 - 130
1,2-Dichloroethane	20	19	95.0		30.0	70 - 130
Trichloroethene	20	22.4	112.0		30.0	70 - 130
Vinyl acetate	20	17.7	88.5		30.0	70 - 130
1,2-Dichloropropane	20	20.3	102.0		30.0	70 - 130
Dibromomethane	20	18.9	94.5		30.0	70 - 130
Bromodichloromethane	20	20.9	104.0		30.0	70 - 130
cis-1,3-Dichloropropene	20	20.7	104.0		30.0	70 - 130
4-Methyl-2-pentanone	60	42.8	71.3		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

130907 1354

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

083007LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	20	20.4	102.0		30.0	70 - 130
trans-1,3-Dichloropropene	20	19.4	97.0		30.0	70 - 130
1,1,2-Trichloroethane	20	19.8	99.0		30.0	70 - 130
Tetrachloroethene	20	20.1	100.0		30.0	70 - 130
1,3-Dichloropropane	20	18.7	93.5		30.0	70 - 130
2-Hexanone	60	53.1	88.5		30.0	70 - 130
Dibromochloromethane	20	19.8	99.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	20	19.9	99.5		30.0	70 - 130
Chlorobenzene	20	21.4	107.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	20	21.3	106.0		30.0	70 - 130
Ethylbenzene	20	19.9	99.5		30.0	70 - 130
p,m-Xylene	40	40.2	100.0		30.0	70 - 130
o-Xylene	20	20.2	101.0		30.0	70 - 130
Styrene	20	22	110.0		30.0	70 - 130
Bromoform	20	20	100.0		30.0	70 - 130
Isopropylbenzene (Cumene)	20	20	100.0		30.0	70 - 130
Bromobenzene	20	21.2	106.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	20	18.5	92.5		30.0	70 - 130
1,2,3-Trichloropropane	20	20	100.0		30.0	70 - 130
n-Propylbenzene	20	20.5	102.0		30.0	70 - 130
2-Chlorotoluene	20	21.2	106.0		30.0	70 - 130
4-Chlorotoluene	20	21.4	107.0		30.0	70 - 130
1,3,5-Trimethylbenzene	20	21.3	106.0		30.0	70 - 130
tert-Butylbenzene	20	19.4	97.0		30.0	70 - 130
1,2,4-Trimethylbenzene	20	21.8	109.0		30.0	70 - 130
sec-Butylbenzene	20	20.5	102.0		30.0	70 - 130
1,3-Dichlorobenzene	20	21.3	106.0		30.0	70 - 130
1,4-Dichlorobenzene	20	21.7	108.0		30.0	70 - 130
4-Isopropyltoluene	20	22	110.0		30.0	70 - 130
n-Butylbenzene	20	22	110.0		30.0	70 - 130
1,2-Dichlorobenzene	20	21.1	106.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	20	21.4	107.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

083007LCS12

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	20	20.4	102.0		30.0	65 - 130
Hexachlorobutadiene	20	21.6	108.0		30.0	70 - 130
Naphthalene	20	23.8	119.0		30.0	70 - 130
1,2,3-Trichlorobenzene	20	20.2	101.0		30.0	70 - 130
MTBE	20	20.8	104.0		30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 083007LCS12D

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	20	18	90.0	0.0	30.0	45 - 128
Chloromethane	20	17.4	87.0	0.6	30.0	70 - 130
Vinyl chloride	20	17	85.0	6.3	30.0	70 - 130
Bromomethane	20	12.6	63.0	14.5	30.0	39 - 148
Chloroethane	20	17	85.0	9.2	30.0	55 - 139
Trichlorofluoromethane	20	17.2	86.0	8.9	30.0	70 - 130
1,1-Dichloroethene	20	18.6	93.0	2.1	30.0	70 - 130
Acrolein	60	40.5	67.5 *	6.9	30.0	69 - 130
Methyl iodide	20	18.6	93.0	3.2	30.0	55 - 133
Carbon disulfide	20	18.7	93.5	5.7	30.0	65 - 130
Methylene chloride	20	19	95.0	4.9	30.0	70 - 130
trans-1,2-Dichloroethene	20	18.7	93.5	6.7	30.0	70 - 130
Acrylonitrile	60	47.7	79.5	7.4	30.0	70 - 130
1,1-Dichloroethane	20	20.4	102.0	1.5	30.0	70 - 130
Acetone	60	84.4	141.0 *	8.1	30.0	58 - 133
2,2-Dichloropropane	20	18.8	94.0	5.7	30.0	70 - 130
cis-1,2-Dichloroethene	20	20.5	102.0	4.3	30.0	70 - 130
Bromochloromethane	20	21.6	108.0	4.7	30.0	70 - 130
2-Butanone	60	63.8	106.0	12.1	30.0	70 - 130
Chloroform	20	20.9	104.0	2.4	30.0	70 - 130
1,1,1-Trichloroethane	20	20.1	100.0	5.8	30.0	70 - 130
Carbon tetrachloride	20	19.2	96.0	13.1	30.0	70 - 130
1,1-Dichloropropene	20	18.9	94.5	9.6	30.0	70 - 130
Benzene	20	20.1	100.0	2.5	30.0	70 - 130
1,2-Dichloroethane	20	19.8	99.0	4.1	30.0	70 - 130
Trichloroethene	20	21	105.0	6.5	30.0	70 - 130
Vinyl acetate	20	17.1	85.5	3.4	30.0	70 - 130
1,2-Dichloropropane	20	20.7	104.0	2.0	30.0	70 - 130
Dibromomethane	20	20.1	100.0	6.2	30.0	70 - 130
Bromodichloromethane	20	21	105.0	0.5	30.0	70 - 130
cis-1,3-Dichloropropene	20	20.5	102.0	1.0	30.0	70 - 130
4-Methyl-2-pentanone	60	43.6	72.7	1.9	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 083007LCS12D

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	20	19.9	99.5	2.5	30.0	70 - 130
trans-1,3-Dichloropropene	20	20.5	102.0	5.5	30.0	70 - 130
1,1,2-Trichloroethane	20	20	100.0	1.0	30.0	70 - 130
Tetrachloroethene	20	19.5	97.5	3.0	30.0	70 - 130
1,3-Dichloropropane	20	20.5	102.0	9.2	30.0	70 - 130
2-Hexanone	60	58.2	97.0	9.2	30.0	70 - 130
Dibromochloromethane	20	20	100.0	1.0	30.0	70 - 130
1,2-Dibromoethane(EDB)	20	19.4	97.0	2.5	30.0	70 - 130
Chlorobenzene	20	20.6	103.0	3.8	30.0	70 - 130
1,1,1,2-Tetrachloroethane	20	19.2	96.0	10.4	30.0	70 - 130
Ethylbenzene	20	19.4	97.0	2.5	30.0	70 - 130
p,m-Xylene	40	38.3	95.8	4.8	30.0	70 - 130
o-Xylene	20	19.6	98.0	3.0	30.0	70 - 130
Styrene	20	21.7	108.0	1.4	30.0	70 - 130
Bromoform	20	20.1	100.0	0.5	30.0	70 - 130
Isopropylbenzene (Cumene)	20	17.8	89.0	11.6	30.0	70 - 130
Bromobenzene	20	19.7	98.5	7.3	30.0	70 - 130
1,1,2,2-Tetrachloroethane	20	18.5	92.5	0.0	30.0	70 - 130
1,2,3-Trichloropropane	20	19.5	97.5	2.5	30.0	70 - 130
n-Propylbenzene	20	18.2	91.0	11.9	30.0	70 - 130
2-Chlorotoluene	20	19.1	95.5	10.4	30.0	70 - 130
4-Chlorotoluene	20	19.2	96.0	10.8	30.0	70 - 130
1,3,5-Trimethylbenzene	20	19.1	95.5	10.9	30.0	70 - 130
tert-Butylbenzene	20	20.3	102.0	4.5	30.0	70 - 130
1,2,4-Trimethylbenzene	20	19.3	96.5	12.2	30.0	70 - 130
sec-Butylbenzene	20	18.3	91.5	11.3	30.0	70 - 130
1,3-Dichlorobenzene	20	20.4	102.0	4.3	30.0	70 - 130
1,4-Dichlorobenzene	20	20.3	102.0	6.7	30.0	70 - 130
4-Isopropyltoluene	20	20.3	102.0	8.0	30.0	70 - 130
n-Butylbenzene	20	20.8	104.0	5.6	30.0	70 - 130
1,2-Dichlorobenzene	20	20.6	103.0	2.4	30.0	70 - 130
1,2-Dibromo-3-chloropropane	20	20.5	102.0	4.3	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 083007LCS12D

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	20	20.5	102.0	0.5	30.0	65 - 130
Hexachlorobutadiene	20	20	100.0	7.7	30.0	70 - 130
Naphthalene	20	22.7	114.0	4.7	30.0	70 - 130
1,2,3-Trichlorobenzene	20	20.9	104.0	3.4	30.0	70 - 130
MTBE	20	21.2	106.0	1.9	30.0	70 - 130

Spike Recovery: 2 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090807LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1770	88.5		30.0	45 - 128
Chloromethane	2000	1770	88.5		30.0	70 - 130
Vinyl chloride	2000	1940	97.0		30.0	70 - 130
Bromomethane	2000	1860	93.0		30.0	39 - 148
Chloroethane	2000	1980	99.0		30.0	55 - 139
Trichlorofluoromethane	2000	1730	86.5		30.0	70 - 130
1,1-Dichloroethene	2000	2210	110.0		30.0	70 - 130
Acrolein	6000	4330	72.2		30.0	69 - 130
Methyl iodide	2000	2420	121.0		30.0	55 - 133
Carbon disulfide	2000	1940	97.0		30.0	65 - 130
Methylene chloride	2000	2040	102.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2070	104.0		30.0	70 - 130
Acrylonitrile	6000	5500	91.7		30.0	70 - 130
1,1-Dichloroethane	2000	1780	89.0		30.0	70 - 130
Acetone	6000	4300	71.7		30.0	58 - 133
2,2-Dichloropropane	2000	2270	114.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2090	104.0		30.0	70 - 130
Bromochloromethane	2000	2010	100.0		30.0	70 - 130
2-Butanone	6000	5510	91.8		30.0	70 - 130
Chloroform	2000	2060	103.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2080	104.0		30.0	70 - 130
Carbon tetrachloride	2000	2000	100.0		30.0	70 - 130
1,1-Dichloropropene	2000	2020	101.0		30.0	70 - 130
Benzene	2000	1990	99.5		30.0	70 - 130
1,2-Dichloroethane	2000	2020	101.0		30.0	70 - 130
Trichloroethene	2000	2020	101.0		30.0	70 - 130
Vinyl acetate	2000	2290	114.0		30.0	70 - 130
1,2-Dichloropropane	2000	2000	100.0		30.0	70 - 130
Dibromomethane	2000	2030	102.0		30.0	70 - 130
Bromodichloromethane	2000	2050	102.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2180	109.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6100	102.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090807LCSA32

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2020	101.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2320	116.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2000	100.0		30.0	70 - 130
Tetrachloroethene	2000	1910	95.5		30.0	70 - 130
1,3-Dichloropropane	2000	2040	102.0		30.0	70 - 130
2-Hexanone	6000	5940	99.0		30.0	70 - 130
Dibromochloromethane	2000	2120	106.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2040	102.0		30.0	70 - 130
Chlorobenzene	2000	1980	99.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2160	108.0		30.0	70 - 130
Ethylbenzene	2000	1950	97.5		30.0	70 - 130
p,m-Xylene	4000	4000	100.0		30.0	70 - 130
o-Xylene	2000	1970	98.5		30.0	70 - 130
Styrene	2000	2100	105.0		30.0	70 - 130
Bromoform	2000	2280	114.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1940	97.0		30.0	70 - 130
Bromobenzene	2000	1890	94.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2050	102.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2020	101.0		30.0	70 - 130
n-Propylbenzene	2000	1900	95.0		30.0	70 - 130
2-Chlorotoluene	2000	1910	95.5		30.0	70 - 130
4-Chlorotoluene	2000	1930	96.5		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1890	94.5		30.0	70 - 130
tert-Butylbenzene	2000	1820	91.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1870	93.5		30.0	70 - 130
sec-Butylbenzene	2000	1710	85.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1880	94.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1880	94.0		30.0	70 - 130
4-Isopropyltoluene	2000	1710	85.5		30.0	70 - 130
n-Butylbenzene	2000	1630	81.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	1890	94.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2060	103.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090807LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1610	80.5		30.0	65 - 130
Hexachlorobutadiene	2000	1600	80.0		30.0	70 - 130
Naphthalene	2000	1700	85.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1580	79.0		30.0	70 - 130
MTBE	2000	1800	90.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

130907 1354

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507471

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 2,6-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Nitrophenol, bis(2-ethylhexyl)phthalate, Di-n-octylphthalate.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

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Client: T N & Associates, Inc.

Sample 3383BLK was recovered above criteria for the following surrogate(s): Phenol-d5 at 120 % with criteria of (24-113).

Sample 3383LCS was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 117 % with criteria of (30-115), Phenol-d5 at 120 % with criteria of (24-113).

Sample NPP TOTE 2 was recovered above criteria for the following surrogate(s): Nitrobenzene-d5 at 122 % with criteria of (23-120).

Sample NPP TOTE 3 was recovered above criteria for the following surrogate(s): Phenol-d5 at 116 % with criteria of (24-113).

Sample NPPD56 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 11.6 % with criteria of (19-122).

Sample NPPD57 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 18.4 % with criteria of (19-122).

Sample NPPD59 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 20.7 % with criteria of (25-121).

Sample NPPD61 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 13.8 % with criteria of (19-122).

Sample NPPD66 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 11.7 % with criteria of (19-122) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 116 % with criteria of (30-115).

Sample NPPD67 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 16.6 % with criteria of (19-122) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 122 % with criteria of (30-115), Nitrobenzene-d5 at 133 % with criteria of (23-120).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPPD58 NPPD59

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3383LCS was analyzed with the soil samples extracted on 08/30/07. The following analyte(s) were recovered below criteria: Aniline at 0 % with criteria of (47-140), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), and the following analyte(s) were recovered above criteria: 2,2-Oxybis(1-chloropropane) at 118 %

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Client: T N & Associates, Inc.

with criteria of (52-115), 2,4,5-Trichlorophenol at 114 % with criteria of (61-110), 2,4,6-Trichlorophenol at 111 % with criteria of (62-110), 2,4-Dinitrotoluene at 116 % with criteria of (77-115), 2-Chlorophenol at 109 % with criteria of (54-105), 2-Nitrophenol at 118 % with criteria of (61-110), 4-Bromophenyl-phenylether at 116 % with criteria of (59-115), Benzo(a)anthracene at 114 % with criteria of (67-110), Benzo(a)pyrene at 114 % with criteria of (60-110), Bis(2-Chloroethyl)ether at 110 % with criteria of (61-105), Chrysene at 114 % with criteria of (65-110), Diethylphthalate at 118 % with criteria of (68-115), Hexachloroethane at 113 % with criteria of (65-110), Isophorone at 116 % with criteria of (69-110), N-Nitrosodimethylamine at 122 % with criteria of (48-115), N-Nitroso-di-n-propylamine at 124 % with criteria of (59-115). The following analyte(s) had marginal exceedance limit failures: 1,2,4-Trichlorobenzene at 119 % with criteria of (64.5-116.5), 1,2-Dichlorobenzene at 124 % with criteria of (60-100), 1,3-Dichlorobenzene at 123 % with criteria of (61.5-105.5), 1,4-Dichlorobenzene at 122 % with criteria of (54.8-112.2), 2,4-Dichlorophenol at 119 % with criteria of (56.3-117.7), 2,4-Dimethylphenol at 128 % with criteria of (58.3-111.7), 2-Chloronaphthalene at 120 % with criteria of (66.5-110.5), 2-Methyl-4,6-dinitrophenol at 170 % with criteria of (17.2-151.8), 2-Methylnaphthalene at 126 % with criteria of (66.5-110.5), 2-Methylphenol (o-Cresol) at 128 % with criteria of (50.2-112.8), 3,3'-Dichlorobenzidine at 204 % with criteria of (26.2-144.8), 4-Chlorophenyl-phenylether at 120 % with criteria of (57.5-117.5), 4-Methylphenol at 123 % with criteria of (49-113), Acenaphthene at 118 % with criteria of (57.5-117.5), Acenaphthylene at 116 % with criteria of (59.5-111.5), Aniline at 0 % with criteria of (31.5-155.5), Anthracene at 118 % with criteria of (60.7-111.3), Benzyl alcohol at 0 % with criteria of (53.8-135.2), Dibenzofuran at 121 % with criteria of (70-110), Dimethyl-phthalate at 119 % with criteria of (62.2-116.8), Di-n-butylphthalate at 122 % with criteria of (59.8-117.2), Fluoranthene at 122 % with criteria of (67.2-121.8), Fluorene at 120 % with criteria of (59.8-117.2), Naphthalene at 122 % with criteria of (60.7-111.3), N-Nitrosodiphenylamine at 134 % with criteria of (70.7-121.3), Pentachlorophenol at 159 % with criteria of (22-134), Phenanthrene at 119 % with criteria of (59.8-117.2), Phenol at 135 % with criteria of (37-109).

The recoveries in LCS 3383LCS are directly related to the final volume adjustment of 10mL for the LCS to demonstrate recoveries that would be found in the samples.

LCS 3394LCS was analyzed with the soil samples extracted on 08/30/07. The following analyte(s) were recovered below criteria: 2,4-Dinitrophenol at 28.4 % with criteria of (29-130), 2,4-Dinitrotoluene at 74 % with criteria of (77-115), 2,6-Dinitrotoluene at 70.5 % with criteria of (73-110), 2-Methylnaphthalene at 71.9 % with criteria of (72-105), 3,3'-Dichlorobenzidine at 40.9 % with criteria of (41-130), 4-Nitroaniline at 67.8 % with criteria of (70-115), Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), Dibenzofuran at 72.5 % with criteria of (75-105), Dimethyl-phthalate at 67.8 % with criteria of

PEL Lab Reference No./SDG: 2507471

Client: T N & Associates, Inc.

(69-110), Fluoranthene at 72.2 % with criteria of (74-115), Nitrobenzene at 70.5 % with criteria of (71-115), N-Nitrosodiphenylamine at 73.1 % with criteria of (77-115). The following analyte(s) had marginal exceedance limit failures: 2-Nitroaniline at 62.3 % with criteria of (62.8-128.2), 3-Nitroaniline at 61.1 % with criteria of (70.3-115.7), Bis(2-Chloroethoxy)methane at 59.1 % with criteria of (63.3-116.7), bis(2-ethylhexyl)phthalate at 50.9 % with criteria of (55-135), Butylbenzylphthalate at 46.2 % with criteria of (56.2-134.8), Di-n-octylphthalate at 45.9 % with criteria of (53-141), Hexachlorobenzene at 50.3 % with criteria of (69.8-127.2), Hexachlorobutadiene at 71.3 % with criteria of (73-121), N-Nitrosodimethylamine at 31.3 % with criteria of (36.8-126.2).

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.
The following samples were analyzed at a 1:10 dilution due to non-target analyte interference.
Sample NPP TOTE 2
Sample NPP TOTE 3
Sample NPPD56
Sample NPPD57
Sample NPPD58
Sample NPPD59
Sample NPPD60
Sample NPPD61
Sample NPPD66
Sample NPPD67
Sample NPP-SB-07-(7.2)

Sample Sample NPP-SB-07-(7.2) was extracted as a soil and brought to a final volume of 1 mL with it's own associated QC. All other samples were only brought to a final volume of 10 mL due to the nature of the samples.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507471

Client: T N & Associates, Inc.

SIGNED: **DATE:** **09/12/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Method: 8270

EPA Sample No	Lab Sample ID
NPPD67	250747101
NPPD66	250747102
NPPD60	250747103
NPPD61	250747104
NPPD59	250747105
NPPD57	250747106
NPPD58	250747107
NPPD56	250747108
NPP TOTE 2	250747109
NPP TOTE 3	250747110
NPP-SB-07-(7.2)	250747111

130907 1354

Sample Data

130907 1354

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD67

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747101 Lab File ID: 471-01DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2121

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	328000	U
62-53-3	Aniline	328000	U
111-44-4	Bis(2-Chloroethyl)ether	328000	U
108-95-2	Phenol	213000	J
95-57-8	2-Chlorophenol	328000	U
541-73-1	1,3-Dichlorobenzene	328000	U
106-46-7	1,4-Dichlorobenzene	328000	U
95-50-1	1,2-Dichlorobenzene	328000	U
100-51-6	Benzyl alcohol	820000	U
108-60-1	2,2-Oxybis(1-chloropropane)	332000	U
95-48-7	2-Methylphenol (o-Cresol)	328000	U
67-72-1	Hexachloroethane	332000	U
621-64-7	N-Nitroso-di-n-propylamine	328000	U
106-44-5	4-Methylphenol	328000	U
98-95-3	Nitrobenzene	328000	U
78-59-1	Isophorone	328000	U
88-75-5	2-Nitrophenol	328000	U
105-67-9	2,4-Dimethylphenol	328000	U
65-85-0	Benzoic acid	1640000	U
111-91-1	Bis(2-Chloroethoxy)methane	328000	U
120-83-2	2,4-Dichlorophenol	328000	U
120-82-1	1,2,4-Trichlorobenzene	328000	U
91-20-3	Naphthalene	328000	U
106-47-8	4-Chloroaniline	328000	U
91-57-6	2-Methylnaphthalene	328000	U
87-68-3	Hexachlorobutadiene	328000	U
59-50-7	4-Chloro-3-methylphenol	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD67

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747101 Lab File ID: 471-01DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2121

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	328000	U
77-47-4	Hexachlorocyclopentadiene	820000	U
88-06-2	2,4,6-Trichlorophenol	328000	U
95-95-4	2,4,5-Trichlorophenol	328000	U
91-58-7	2-Chloronaphthalene	332000	U
88-74-4	2-Nitroaniline	328000	U
208-96-8	Acenaphthylene	328000	U
131-11-3	Dimethyl-phthalate	328000	U
606-20-2	2,6-Dinitrotoluene	328000	U
83-32-9	Acenaphthene	328000	U
99-09-2	3-Nitroaniline	328000	U
51-28-5	2,4-Dinitrophenol	1650000	U
132-64-9	Dibenzofuran	328000	U
121-14-2	2,4-Dinitrotoluene	328000	U
100-02-7	4-Nitrophenol	820000	U
86-73-7	Fluorene	328000	U
7005-72-3	4-Chlorophenyl-phenylether	328000	U
84-66-2	Diethylphthalate	328000	U
100-01-6	4-Nitroaniline	328000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1640000	U
86-30-6	N-Nitrosodiphenylamine	328000	U
101-55-3	4-Bromophenyl-phenylether	328000	U
118-74-1	Hexachlorobenzene	328000	U
87-86-5	Pentachlorophenol	1640000	U
85-01-8	Phenanthrene	328000	U
120-12-7	Anthracene	328000	U
84-74-2	Di-n-butylphthalate	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD67

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747101 Lab File ID: 471-01DT.D

Sample wt/vol: 1.22 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2121

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	328000	U
129-00-0	Pyrene	328000	U
92-87-5	Benzidine	824000	U
85-68-7	Butylbenzylphthalate	328000	U
91-94-1	3,3'-Dichlorobenzidine	328000	U
56-55-3	Benzo(a)anthracene	328000	U
218-01-9	Chrysene	328000	U
117-81-7	bis(2-ethylhexyl)phthalate	328000	U
117-84-0	Di-n-octylphthalate	328000	U
205-99-2	Benzo(b)fluoranthene	328000	U
207-08-9	Benzo(k)fluoranthene	328000	U
50-32-8	Benzo(a)pyrene	328000	U
193-39-5	Indeno(1,2,3-cd)pyrene	328000	U
53-70-3	Dibenz(a,h)anthracene	328000	U
191-24-2	Benzo(g,h,i)perylene	328000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD66

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747102 Lab File ID: 471-02DT.D

Sample wt/vol: 1.25 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2151

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	320000	U
62-53-3	Aniline	320000	U
111-44-4	Bis(2-Chloroethyl)ether	320000	U
108-95-2	Phenol	1600000	U
95-57-8	2-Chlorophenol	320000	U
541-73-1	1,3-Dichlorobenzene	320000	U
106-46-7	1,4-Dichlorobenzene	320000	U
95-50-1	1,2-Dichlorobenzene	320000	U
100-51-6	Benzyl alcohol	800000	U
108-60-1	2,2-Oxybis(1-chloropropane)	324000	U
95-48-7	2-Methylphenol (o-Cresol)	320000	U
67-72-1	Hexachloroethane	324000	U
621-64-7	N-Nitroso-di-n-propylamine	320000	U
106-44-5	4-Methylphenol	320000	U
98-95-3	Nitrobenzene	320000	U
78-59-1	Isophorone	320000	U
88-75-5	2-Nitrophenol	320000	U
105-67-9	2,4-Dimethylphenol	320000	U
65-85-0	Benzoic acid	1600000	U
111-91-1	Bis(2-Chloroethoxy)methane	320000	U
120-83-2	2,4-Dichlorophenol	320000	U
120-82-1	1,2,4-Trichlorobenzene	320000	U
91-20-3	Naphthalene	320000	U
106-47-8	4-Chloroaniline	320000	U
91-57-6	2-Methylnaphthalene	320000	U
87-68-3	Hexachlorobutadiene	320000	U
59-50-7	4-Chloro-3-methylphenol	320000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD66

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747102 Lab File ID: 471-02DT.D

Sample wt/vol: 1.25 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2151

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	320000	U
77-47-4	Hexachlorocyclopentadiene	800000	U
88-06-2	2,4,6-Trichlorophenol	320000	U
95-95-4	2,4,5-Trichlorophenol	320000	U
91-58-7	2-Chloronaphthalene	324000	U
88-74-4	2-Nitroaniline	320000	U
208-96-8	Acenaphthylene	320000	U
131-11-3	Dimethyl-phthalate	320000	U
606-20-2	2,6-Dinitrotoluene	320000	U
83-32-9	Acenaphthene	320000	U
99-09-2	3-Nitroaniline	320000	U
51-28-5	2,4-Dinitrophenol	1610000	U
132-64-9	Dibenzofuran	320000	U
121-14-2	2,4-Dinitrotoluene	320000	U
100-02-7	4-Nitrophenol	800000	U
86-73-7	Fluorene	320000	U
7005-72-3	4-Chlorophenyl-phenylether	320000	U
84-66-2	Diethylphthalate	320000	U
100-01-6	4-Nitroaniline	320000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1600000	U
86-30-6	N-Nitrosodiphenylamine	320000	U
101-55-3	4-Bromophenyl-phenylether	320000	U
118-74-1	Hexachlorobenzene	320000	U
87-86-5	Pentachlorophenol	1600000	U
85-01-8	Phenanthrene	320000	U
120-12-7	Anthracene	320000	U
84-74-2	Di-n-butylphthalate	320000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD66

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747102 Lab File ID: 471-02DT.D

Sample wt/vol: 1.25 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2151

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	320000	U
129-00-0	Pyrene	320000	U
92-87-5	Benzidine	804000	U
85-68-7	Butylbenzylphthalate	320000	U
91-94-1	3,3'-Dichlorobenzidine	320000	U
56-55-3	Benzo(a)anthracene	320000	U
218-01-9	Chrysene	320000	U
117-81-7	bis(2-ethylhexyl)phthalate	320000	U
117-84-0	Di-n-octylphthalate	320000	U
205-99-2	Benzo(b)fluoranthene	320000	U
207-08-9	Benzo(k)fluoranthene	320000	U
50-32-8	Benzo(a)pyrene	320000	U
193-39-5	Indeno(1,2,3-cd)pyrene	320000	U
53-70-3	Dibenz(a,h)anthracene	320000	U
191-24-2	Benzo(g,h,i)perylene	320000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD60

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747103 Lab File ID: 471-03DT.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2221

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	371000	U
62-53-3	Aniline	371000	U
111-44-4	Bis(2-Chloroethyl)ether	371000	U
108-95-2	Phenol	1850000	U
95-57-8	2-Chlorophenol	371000	U
541-73-1	1,3-Dichlorobenzene	371000	U
106-46-7	1,4-Dichlorobenzene	371000	U
95-50-1	1,2-Dichlorobenzene	371000	U
100-51-6	Benzyl alcohol	926000	U
108-60-1	2,2-Oxybis(1-chloropropane)	375000	U
95-48-7	2-Methylphenol (o-Cresol)	371000	U
67-72-1	Hexachloroethane	375000	U
621-64-7	N-Nitroso-di-n-propylamine	371000	U
106-44-5	4-Methylphenol	371000	U
98-95-3	Nitrobenzene	371000	U
78-59-1	Isophorone	371000	U
88-75-5	2-Nitrophenol	371000	U
105-67-9	2,4-Dimethylphenol	371000	U
65-85-0	Benzoic acid	1850000	U
111-91-1	Bis(2-Chloroethoxy)methane	371000	U
120-83-2	2,4-Dichlorophenol	371000	U
120-82-1	1,2,4-Trichlorobenzene	371000	U
91-20-3	Naphthalene	371000	U
106-47-8	4-Chloroaniline	371000	U
91-57-6	2-Methylnaphthalene	55100	J
87-68-3	Hexachlorobutadiene	371000	U
59-50-7	4-Chloro-3-methylphenol	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD60

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747103 Lab File ID: 471-03DT.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2221

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	371000	U
77-47-4	Hexachlorocyclopentadiene	926000	U
88-06-2	2,4,6-Trichlorophenol	371000	U
95-95-4	2,4,5-Trichlorophenol	371000	U
91-58-7	2-Chloronaphthalene	375000	U
88-74-4	2-Nitroaniline	371000	U
208-96-8	Acenaphthylene	371000	U
131-11-3	Dimethyl-phthalate	371000	U
606-20-2	2,6-Dinitrotoluene	371000	U
83-32-9	Acenaphthene	371000	U
99-09-2	3-Nitroaniline	371000	U
51-28-5	2,4-Dinitrophenol	1860000	U
132-64-9	Dibenzofuran	371000	U
121-14-2	2,4-Dinitrotoluene	371000	U
100-02-7	4-Nitrophenol	926000	U
86-73-7	Fluorene	371000	U
7005-72-3	4-Chlorophenyl-phenylether	371000	U
84-66-2	Diethylphthalate	371000	U
100-01-6	4-Nitroaniline	371000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1850000	U
86-30-6	N-Nitrosodiphenylamine	371000	U
101-55-3	4-Bromophenyl-phenylether	371000	U
118-74-1	Hexachlorobenzene	371000	U
87-86-5	Pentachlorophenol	1850000	U
85-01-8	Phenanthrene	371000	U
120-12-7	Anthracene	371000	U
84-74-2	Di-n-butylphthalate	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD60

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747103 Lab File ID: 471-03DT.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2221

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	371000	U
129-00-0	Pyrene	371000	U
92-87-5	Benzidine	930000	U
85-68-7	Butylbenzylphthalate	371000	U
91-94-1	3,3'-Dichlorobenzidine	371000	U
56-55-3	Benzo(a)anthracene	371000	U
218-01-9	Chrysene	371000	U
117-81-7	bis(2-ethylhexyl)phthalate	371000	U
117-84-0	Di-n-octylphthalate	371000	U
205-99-2	Benzo(b)fluoranthene	371000	U
207-08-9	Benzo(k)fluoranthene	371000	U
50-32-8	Benzo(a)pyrene	371000	U
193-39-5	Indeno(1,2,3-cd)pyrene	371000	U
53-70-3	Dibenz(a,h)anthracene	371000	U
191-24-2	Benzo(g,h,i)perylene	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD61

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747104 Lab File ID: 471-04DT.D

Sample wt/vol: 1.26 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2250

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	318000	U
62-53-3	Aniline	318000	U
111-44-4	Bis(2-Chloroethyl)ether	318000	U
108-95-2	Phenol	53800	J
95-57-8	2-Chlorophenol	318000	U
541-73-1	1,3-Dichlorobenzene	318000	U
106-46-7	1,4-Dichlorobenzene	318000	U
95-50-1	1,2-Dichlorobenzene	318000	U
100-51-6	Benzyl alcohol	794000	U
108-60-1	2,2-Oxybis(1-chloropropane)	321000	U
95-48-7	2-Methylphenol (o-Cresol)	318000	U
67-72-1	Hexachloroethane	321000	U
621-64-7	N-Nitroso-di-n-propylamine	318000	U
106-44-5	4-Methylphenol	318000	U
98-95-3	Nitrobenzene	318000	U
78-59-1	Isophorone	318000	U
88-75-5	2-Nitrophenol	318000	U
105-67-9	2,4-Dimethylphenol	318000	U
65-85-0	Benzoic acid	1590000	U
111-91-1	Bis(2-Chloroethoxy)methane	318000	U
120-83-2	2,4-Dichlorophenol	318000	U
120-82-1	1,2,4-Trichlorobenzene	318000	U
91-20-3	Naphthalene	318000	U
106-47-8	4-Chloroaniline	318000	U
91-57-6	2-Methylnaphthalene	318000	U
87-68-3	Hexachlorobutadiene	318000	U
59-50-7	4-Chloro-3-methylphenol	318000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD61

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747104 Lab File ID: 471-04DT.D

Sample wt/vol: 1.26 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2250

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	318000	U
77-47-4	Hexachlorocyclopentadiene	794000	U
88-06-2	2,4,6-Trichlorophenol	318000	U
95-95-4	2,4,5-Trichlorophenol	318000	U
91-58-7	2-Chloronaphthalene	321000	U
88-74-4	2-Nitroaniline	318000	U
208-96-8	Acenaphthylene	318000	U
131-11-3	Dimethyl-phthalate	318000	U
606-20-2	2,6-Dinitrotoluene	318000	U
83-32-9	Acenaphthene	318000	U
99-09-2	3-Nitroaniline	318000	U
51-28-5	2,4-Dinitrophenol	1600000	U
132-64-9	Dibenzofuran	318000	U
121-14-2	2,4-Dinitrotoluene	318000	U
100-02-7	4-Nitrophenol	794000	U
86-73-7	Fluorene	318000	U
7005-72-3	4-Chlorophenyl-phenylether	318000	U
84-66-2	Diethylphthalate	318000	U
100-01-6	4-Nitroaniline	318000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1590000	U
86-30-6	N-Nitrosodiphenylamine	318000	U
101-55-3	4-Bromophenyl-phenylether	318000	U
118-74-1	Hexachlorobenzene	318000	U
87-86-5	Pentachlorophenol	1590000	U
85-01-8	Phenanthrene	318000	U
120-12-7	Anthracene	318000	U
84-74-2	Di-n-butylphthalate	318000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD61

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747104 Lab File ID: 471-04DT.D

Sample wt/vol: 1.26 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2250

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	318000	U
129-00-0	Pyrene	318000	U
92-87-5	Benzidine	798000	U
85-68-7	Butylbenzylphthalate	318000	U
91-94-1	3,3'-Dichlorobenzidine	318000	U
56-55-3	Benzo(a)anthracene	318000	U
218-01-9	Chrysene	318000	U
117-81-7	bis(2-ethylhexyl)phthalate	318000	U
117-84-0	Di-n-octylphthalate	318000	U
205-99-2	Benzo(b)fluoranthene	318000	U
207-08-9	Benzo(k)fluoranthene	318000	U
50-32-8	Benzo(a)pyrene	318000	U
193-39-5	Indeno(1,2,3-cd)pyrene	318000	U
53-70-3	Dibenz(a,h)anthracene	318000	U
191-24-2	Benzo(g,h,i)perylene	318000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD59

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747105 Lab File ID: 471-05DT.D

Sample wt/vol: 1.31 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2319

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	306000	U
62-53-3	Aniline	306000	U
111-44-4	Bis(2-Chloroethyl)ether	306000	U
108-95-2	Phenol	1530000	U
95-57-8	2-Chlorophenol	306000	U
541-73-1	1,3-Dichlorobenzene	306000	U
106-46-7	1,4-Dichlorobenzene	306000	U
95-50-1	1,2-Dichlorobenzene	306000	U
100-51-6	Benzyl alcohol	764000	U
108-60-1	2,2-Oxybis(1-chloropropane)	309000	U
95-48-7	2-Methylphenol (o-Cresol)	306000	U
67-72-1	Hexachloroethane	309000	U
621-64-7	N-Nitroso-di-n-propylamine	306000	U
106-44-5	4-Methylphenol	306000	U
98-95-3	Nitrobenzene	306000	U
78-59-1	Isophorone	306000	U
88-75-5	2-Nitrophenol	306000	U
105-67-9	2,4-Dimethylphenol	306000	U
65-85-0	Benzoic acid	1530000	U
111-91-1	Bis(2-Chloroethoxy)methane	306000	U
120-83-2	2,4-Dichlorophenol	306000	U
120-82-1	1,2,4-Trichlorobenzene	306000	U
91-20-3	Naphthalene	306000	U
106-47-8	4-Chloroaniline	306000	U
91-57-6	2-Methylnaphthalene	306000	U
87-68-3	Hexachlorobutadiene	306000	U
59-50-7	4-Chloro-3-methylphenol	306000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD59

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747105 Lab File ID: 471-05DT.D

Sample wt/vol: 1.31 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2319

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	306000	U
77-47-4	Hexachlorocyclopentadiene	764000	U
88-06-2	2,4,6-Trichlorophenol	306000	U
95-95-4	2,4,5-Trichlorophenol	306000	U
91-58-7	2-Chloronaphthalene	309000	U
88-74-4	2-Nitroaniline	306000	U
208-96-8	Acenaphthylene	306000	U
131-11-3	Dimethyl-phthalate	306000	U
606-20-2	2,6-Dinitrotoluene	306000	U
83-32-9	Acenaphthene	306000	U
99-09-2	3-Nitroaniline	306000	U
51-28-5	2,4-Dinitrophenol	1530000	U
132-64-9	Dibenzofuran	306000	U
121-14-2	2,4-Dinitrotoluene	306000	U
100-02-7	4-Nitrophenol	764000	U
86-73-7	Fluorene	306000	U
7005-72-3	4-Chlorophenyl-phenylether	306000	U
84-66-2	Diethylphthalate	306000	U
100-01-6	4-Nitroaniline	306000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1530000	U
86-30-6	N-Nitrosodiphenylamine	306000	U
101-55-3	4-Bromophenyl-phenylether	306000	U
118-74-1	Hexachlorobenzene	306000	U
87-86-5	Pentachlorophenol	1530000	U
85-01-8	Phenanthrene	306000	U
120-12-7	Anthracene	306000	U
84-74-2	Di-n-butylphthalate	306000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD59

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747105 Lab File ID: 471-05DT.D

Sample wt/vol: 1.31 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2319

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	306000	U
129-00-0	Pyrene	306000	U
92-87-5	Benzidine	767000	U
85-68-7	Butylbenzylphthalate	306000	U
91-94-1	3,3'-Dichlorobenzidine	306000	U
56-55-3	Benzo(a)anthracene	306000	U
218-01-9	Chrysene	306000	U
117-81-7	bis(2-ethylhexyl)phthalate	306000	U
117-84-0	Di-n-octylphthalate	306000	U
205-99-2	Benzo(b)fluoranthene	306000	U
207-08-9	Benzo(k)fluoranthene	306000	U
50-32-8	Benzo(a)pyrene	306000	U
193-39-5	Indeno(1,2,3-cd)pyrene	306000	U
53-70-3	Dibenz(a,h)anthracene	306000	U
191-24-2	Benzo(g,h,i)perylene	306000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD57

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747106 Lab File ID: 471-06DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2349

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	334000	U
62-53-3	Aniline	334000	U
111-44-4	Bis(2-Chloroethyl)ether	334000	U
108-95-2	Phenol	526000	J
95-57-8	2-Chlorophenol	334000	U
541-73-1	1,3-Dichlorobenzene	334000	U
106-46-7	1,4-Dichlorobenzene	334000	U
95-50-1	1,2-Dichlorobenzene	334000	U
100-51-6	Benzyl alcohol	834000	U
108-60-1	2,2-Oxybis(1-chloropropane)	338000	U
95-48-7	2-Methylphenol (o-Cresol)	334000	U
67-72-1	Hexachloroethane	338000	U
621-64-7	N-Nitroso-di-n-propylamine	334000	U
106-44-5	4-Methylphenol	334000	U
98-95-3	Nitrobenzene	334000	U
78-59-1	Isophorone	334000	U
88-75-5	2-Nitrophenol	334000	U
105-67-9	2,4-Dimethylphenol	334000	U
65-85-0	Benzoic acid	1670000	U
111-91-1	Bis(2-Chloroethoxy)methane	334000	U
120-83-2	2,4-Dichlorophenol	334000	U
120-82-1	1,2,4-Trichlorobenzene	334000	U
91-20-3	Naphthalene	334000	U
106-47-8	4-Chloroaniline	334000	U
91-57-6	2-Methylnaphthalene	334000	U
87-68-3	Hexachlorobutadiene	334000	U
59-50-7	4-Chloro-3-methylphenol	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD57

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747106 Lab File ID: 471-06DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2349

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	334000	U
77-47-4	Hexachlorocyclopentadiene	834000	U
88-06-2	2,4,6-Trichlorophenol	334000	U
95-95-4	2,4,5-Trichlorophenol	334000	U
91-58-7	2-Chloronaphthalene	338000	U
88-74-4	2-Nitroaniline	334000	U
208-96-8	Acenaphthylene	334000	U
131-11-3	Dimethyl-phthalate	334000	U
606-20-2	2,6-Dinitrotoluene	334000	U
83-32-9	Acenaphthene	334000	U
99-09-2	3-Nitroaniline	334000	U
51-28-5	2,4-Dinitrophenol	1680000	U
132-64-9	Dibenzofuran	334000	U
121-14-2	2,4-Dinitrotoluene	334000	U
100-02-7	4-Nitrophenol	834000	U
86-73-7	Fluorene	334000	U
7005-72-3	4-Chlorophenyl-phenylether	334000	U
84-66-2	Diethylphthalate	334000	U
100-01-6	4-Nitroaniline	334000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1670000	U
86-30-6	N-Nitrosodiphenylamine	334000	U
101-55-3	4-Bromophenyl-phenylether	334000	U
118-74-1	Hexachlorobenzene	334000	U
87-86-5	Pentachlorophenol	1670000	U
85-01-8	Phenanthrene	334000	U
120-12-7	Anthracene	334000	U
84-74-2	Di-n-butylphthalate	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD57

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747106 Lab File ID: 471-06DT.D

Sample wt/vol: 1.2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2349

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	334000	U
129-00-0	Pyrene	334000	U
92-87-5	Benzidine	838000	U
85-68-7	Butylbenzylphthalate	334000	U
91-94-1	3,3'-Dichlorobenzidine	334000	U
56-55-3	Benzo(a)anthracene	334000	U
218-01-9	Chrysene	334000	U
117-81-7	bis(2-ethylhexyl)phthalate	334000	U
117-84-0	Di-n-octylphthalate	334000	U
205-99-2	Benzo(b)fluoranthene	334000	U
207-08-9	Benzo(k)fluoranthene	334000	U
50-32-8	Benzo(a)pyrene	334000	U
193-39-5	Indeno(1,2,3-cd)pyrene	334000	U
53-70-3	Dibenz(a,h)anthracene	334000	U
191-24-2	Benzo(g,h,i)perylene	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD58

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747107 Lab File ID: 471-07DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0019

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	339000	U
62-53-3	Aniline	339000	U
111-44-4	Bis(2-Chloroethyl)ether	339000	U
108-95-2	Phenol	907000	J
95-57-8	2-Chlorophenol	339000	U
541-73-1	1,3-Dichlorobenzene	339000	U
106-46-7	1,4-Dichlorobenzene	339000	U
95-50-1	1,2-Dichlorobenzene	339000	U
100-51-6	Benzyl alcohol	848000	U
108-60-1	2,2-Oxybis(1-chloropropane)	343000	U
95-48-7	2-Methylphenol (o-Cresol)	339000	U
67-72-1	Hexachloroethane	343000	U
621-64-7	N-Nitroso-di-n-propylamine	339000	U
106-44-5	4-Methylphenol	339000	U
98-95-3	Nitrobenzene	339000	U
78-59-1	Isophorone	339000	U
88-75-5	2-Nitrophenol	339000	U
105-67-9	2,4-Dimethylphenol	339000	U
65-85-0	Benzoic acid	1700000	U
111-91-1	Bis(2-Chloroethoxy)methane	339000	U
120-83-2	2,4-Dichlorophenol	339000	U
120-82-1	1,2,4-Trichlorobenzene	339000	U
91-20-3	Naphthalene	339000	U
106-47-8	4-Chloroaniline	339000	U
91-57-6	2-Methylnaphthalene	339000	U
87-68-3	Hexachlorobutadiene	339000	U
59-50-7	4-Chloro-3-methylphenol	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD58

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747107 Lab File ID: 471-07DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0019

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	339000	U
77-47-4	Hexachlorocyclopentadiene	848000	U
88-06-2	2,4,6-Trichlorophenol	339000	U
95-95-4	2,4,5-Trichlorophenol	339000	U
91-58-7	2-Chloronaphthalene	343000	U
88-74-4	2-Nitroaniline	339000	U
208-96-8	Acenaphthylene	339000	U
131-11-3	Dimethyl-phthalate	339000	U
606-20-2	2,6-Dinitrotoluene	339000	U
83-32-9	Acenaphthene	339000	U
99-09-2	3-Nitroaniline	339000	U
51-28-5	2,4-Dinitrophenol	1700000	U
132-64-9	Dibenzofuran	339000	U
121-14-2	2,4-Dinitrotoluene	339000	U
100-02-7	4-Nitrophenol	848000	U
86-73-7	Fluorene	339000	U
7005-72-3	4-Chlorophenyl-phenylether	339000	U
84-66-2	Diethylphthalate	339000	U
100-01-6	4-Nitroaniline	339000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1700000	U
86-30-6	N-Nitrosodiphenylamine	339000	U
101-55-3	4-Bromophenyl-phenylether	339000	U
118-74-1	Hexachlorobenzene	339000	U
87-86-5	Pentachlorophenol	1700000	U
85-01-8	Phenanthrene	339000	U
120-12-7	Anthracene	339000	U
84-74-2	Di-n-butylphthalate	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD58

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747107 Lab File ID: 471-07DT.D

Sample wt/vol: 1.18 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0019

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	339000	U
129-00-0	Pyrene	339000	U
92-87-5	Benzidine	852000	U
85-68-7	Butylbenzylphthalate	339000	U
91-94-1	3,3'-Dichlorobenzidine	339000	U
56-55-3	Benzo(a)anthracene	339000	U
218-01-9	Chrysene	339000	U
117-81-7	bis(2-ethylhexyl)phthalate	339000	U
117-84-0	Di-n-octylphthalate	339000	U
205-99-2	Benzo(b)fluoranthene	339000	U
207-08-9	Benzo(k)fluoranthene	339000	U
50-32-8	Benzo(a)pyrene	339000	U
193-39-5	Indeno(1,2,3-cd)pyrene	339000	U
53-70-3	Dibenz(a,h)anthracene	339000	U
191-24-2	Benzo(g,h,i)perylene	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD56

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747108 Lab File ID: 471-08DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0048

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	342000	U
62-53-3	Aniline	342000	U
111-44-4	Bis(2-Chloroethyl)ether	342000	U
108-95-2	Phenol	567000	J
95-57-8	2-Chlorophenol	342000	U
541-73-1	1,3-Dichlorobenzene	342000	U
106-46-7	1,4-Dichlorobenzene	342000	U
95-50-1	1,2-Dichlorobenzene	342000	U
100-51-6	Benzyl alcohol	855000	U
108-60-1	2,2-Oxybis(1-chloropropane)	346000	U
95-48-7	2-Methylphenol (o-Cresol)	342000	U
67-72-1	Hexachloroethane	346000	U
621-64-7	N-Nitroso-di-n-propylamine	342000	U
106-44-5	4-Methylphenol	342000	U
98-95-3	Nitrobenzene	342000	U
78-59-1	Isophorone	342000	U
88-75-5	2-Nitrophenol	342000	U
105-67-9	2,4-Dimethylphenol	342000	U
65-85-0	Benzoic acid	1710000	U
111-91-1	Bis(2-Chloroethoxy)methane	342000	U
120-83-2	2,4-Dichlorophenol	342000	U
120-82-1	1,2,4-Trichlorobenzene	342000	U
91-20-3	Naphthalene	342000	U
106-47-8	4-Chloroaniline	342000	U
91-57-6	2-Methylnaphthalene	342000	U
87-68-3	Hexachlorobutadiene	342000	U
59-50-7	4-Chloro-3-methylphenol	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD56

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747108 Lab File ID: 471-08DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0048

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	342000	U
77-47-4	Hexachlorocyclopentadiene	855000	U
88-06-2	2,4,6-Trichlorophenol	342000	U
95-95-4	2,4,5-Trichlorophenol	342000	U
91-58-7	2-Chloronaphthalene	346000	U
88-74-4	2-Nitroaniline	342000	U
208-96-8	Acenaphthylene	342000	U
131-11-3	Dimethyl-phthalate	342000	U
606-20-2	2,6-Dinitrotoluene	342000	U
83-32-9	Acenaphthene	342000	U
99-09-2	3-Nitroaniline	342000	U
51-28-5	2,4-Dinitrophenol	1720000	U
132-64-9	Dibenzofuran	342000	U
121-14-2	2,4-Dinitrotoluene	342000	U
100-02-7	4-Nitrophenol	855000	U
86-73-7	Fluorene	342000	U
7005-72-3	4-Chlorophenyl-phenylether	342000	U
84-66-2	Diethylphthalate	342000	U
100-01-6	4-Nitroaniline	342000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1710000	U
86-30-6	N-Nitrosodiphenylamine	342000	U
101-55-3	4-Bromophenyl-phenylether	342000	U
118-74-1	Hexachlorobenzene	342000	U
87-86-5	Pentachlorophenol	1710000	U
85-01-8	Phenanthrene	342000	U
120-12-7	Anthracene	342000	U
84-74-2	Di-n-butylphthalate	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD56

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747108 Lab File ID: 471-08DT.D

Sample wt/vol: 1.17 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0048

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	342000	U
129-00-0	Pyrene	342000	U
92-87-5	Benzidine	859000	U
85-68-7	Butylbenzylphthalate	342000	U
91-94-1	3,3'-Dichlorobenzidine	342000	U
56-55-3	Benzo(a)anthracene	342000	U
218-01-9	Chrysene	342000	U
117-81-7	bis(2-ethylhexyl)phthalate	342000	U
117-84-0	Di-n-octylphthalate	342000	U
205-99-2	Benzo(b)fluoranthene	342000	U
207-08-9	Benzo(k)fluoranthene	342000	U
50-32-8	Benzo(a)pyrene	342000	U
193-39-5	Indeno(1,2,3-cd)pyrene	342000	U
53-70-3	Dibenz(a,h)anthracene	342000	U
191-24-2	Benzo(g,h,i)perylene	342000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP TOTE 2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747109 Lab File ID: 471-09DT.D

Sample wt/vol: 1.24 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0118

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	323000	U
62-53-3	Aniline	323000	U
111-44-4	Bis(2-Chloroethyl)ether	323000	U
108-95-2	Phenol	130000	J
95-57-8	2-Chlorophenol	323000	U
541-73-1	1,3-Dichlorobenzene	323000	U
106-46-7	1,4-Dichlorobenzene	323000	U
95-50-1	1,2-Dichlorobenzene	323000	U
100-51-6	Benzyl alcohol	807000	U
108-60-1	2,2-Oxybis(1-chloropropane)	327000	U
95-48-7	2-Methylphenol (o-Cresol)	323000	U
67-72-1	Hexachloroethane	327000	U
621-64-7	N-Nitroso-di-n-propylamine	323000	U
106-44-5	4-Methylphenol	323000	U
98-95-3	Nitrobenzene	323000	U
78-59-1	Isophorone	323000	U
88-75-5	2-Nitrophenol	323000	U
105-67-9	2,4-Dimethylphenol	323000	U
65-85-0	Benzoic acid	4520000	
111-91-1	Bis(2-Chloroethoxy)methane	323000	U
120-83-2	2,4-Dichlorophenol	323000	U
120-82-1	1,2,4-Trichlorobenzene	323000	U
91-20-3	Naphthalene	323000	U
106-47-8	4-Chloroaniline	323000	U
91-57-6	2-Methylnaphthalene	323000	U
87-68-3	Hexachlorobutadiene	323000	U
59-50-7	4-Chloro-3-methylphenol	323000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747109 Lab File ID: 471-09DT.D

Sample wt/vol: 1.24 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0118

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	323000	U
77-47-4	Hexachlorocyclopentadiene	807000	U
88-06-2	2,4,6-Trichlorophenol	323000	U
95-95-4	2,4,5-Trichlorophenol	323000	U
91-58-7	2-Chloronaphthalene	327000	U
88-74-4	2-Nitroaniline	323000	U
208-96-8	Acenaphthylene	323000	U
131-11-3	Dimethyl-phthalate	323000	U
606-20-2	2,6-Dinitrotoluene	323000	U
83-32-9	Acenaphthene	323000	U
99-09-2	3-Nitroaniline	323000	U
51-28-5	2,4-Dinitrophenol	1620000	U
132-64-9	Dibenzofuran	323000	U
121-14-2	2,4-Dinitrotoluene	323000	U
100-02-7	4-Nitrophenol	807000	U
86-73-7	Fluorene	323000	U
7005-72-3	4-Chlorophenyl-phenylether	323000	U
84-66-2	Diethylphthalate	323000	U
100-01-6	4-Nitroaniline	323000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1610000	U
86-30-6	N-Nitrosodiphenylamine	323000	U
101-55-3	4-Bromophenyl-phenylether	323000	U
118-74-1	Hexachlorobenzene	323000	U
87-86-5	Pentachlorophenol	1610000	U
85-01-8	Phenanthrene	323000	U
120-12-7	Anthracene	323000	U
84-74-2	Di-n-butylphthalate	323000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747109 Lab File ID: 471-09DT.D

Sample wt/vol: 1.24 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0118

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	323000	U
129-00-0	Pyrene	323000	U
92-87-5	Benzidine	810000	U
85-68-7	Butylbenzylphthalate	323000	U
91-94-1	3,3'-Dichlorobenzidine	323000	U
56-55-3	Benzo(a)anthracene	323000	U
218-01-9	Chrysene	323000	U
117-81-7	bis(2-ethylhexyl)phthalate	323000	U
117-84-0	Di-n-octylphthalate	323000	U
205-99-2	Benzo(b)fluoranthene	323000	U
207-08-9	Benzo(k)fluoranthene	323000	U
50-32-8	Benzo(a)pyrene	323000	U
193-39-5	Indeno(1,2,3-cd)pyrene	323000	U
53-70-3	Dibenz(a,h)anthracene	323000	U
191-24-2	Benzo(g,h,i)perylene	323000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747110 Lab File ID: 471-10D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1302

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	336000	U
62-53-3	Aniline	336000	U
111-44-4	Bis(2-Chloroethyl)ether	336000	U
108-95-2	Phenol	226000	J
95-57-8	2-Chlorophenol	336000	U
541-73-1	1,3-Dichlorobenzene	336000	U
106-46-7	1,4-Dichlorobenzene	336000	U
95-50-1	1,2-Dichlorobenzene	336000	U
100-51-6	Benzyl alcohol	841000	U
108-60-1	2,2-Oxybis(1-chloropropane)	340000	U
95-48-7	2-Methylphenol (o-Cresol)	336000	U
67-72-1	Hexachloroethane	340000	U
621-64-7	N-Nitroso-di-n-propylamine	336000	U
106-44-5	4-Methylphenol	336000	U
98-95-3	Nitrobenzene	336000	U
78-59-1	Isophorone	336000	U
88-75-5	2-Nitrophenol	336000	U
105-67-9	2,4-Dimethylphenol	336000	U
65-85-0	Benzoic acid	1680000	U
111-91-1	Bis(2-Chloroethoxy)methane	336000	U
120-83-2	2,4-Dichlorophenol	336000	U
120-82-1	1,2,4-Trichlorobenzene	336000	U
91-20-3	Naphthalene	336000	U
106-47-8	4-Chloroaniline	336000	U
91-57-6	2-Methylnaphthalene	336000	U
87-68-3	Hexachlorobutadiene	336000	U
59-50-7	4-Chloro-3-methylphenol	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP TOTE 3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747110 Lab File ID: 471-10D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1302

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	336000	U
77-47-4	Hexachlorocyclopentadiene	841000	U
88-06-2	2,4,6-Trichlorophenol	336000	U
95-95-4	2,4,5-Trichlorophenol	336000	U
91-58-7	2-Chloronaphthalene	340000	U
88-74-4	2-Nitroaniline	336000	U
208-96-8	Acenaphthylene	336000	U
131-11-3	Dimethyl-phthalate	336000	U
606-20-2	2,6-Dinitrotoluene	336000	U
83-32-9	Acenaphthene	336000	U
99-09-2	3-Nitroaniline	336000	U
51-28-5	2,4-Dinitrophenol	1690000	U
132-64-9	Dibenzofuran	336000	U
121-14-2	2,4-Dinitrotoluene	336000	U
100-02-7	4-Nitrophenol	841000	U
86-73-7	Fluorene	336000	U
7005-72-3	4-Chlorophenyl-phenylether	336000	U
84-66-2	Diethylphthalate	336000	U
100-01-6	4-Nitroaniline	336000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1680000	U
86-30-6	N-Nitrosodiphenylamine	336000	U
101-55-3	4-Bromophenyl-phenylether	336000	U
118-74-1	Hexachlorobenzene	336000	U
87-86-5	Pentachlorophenol	1680000	U
85-01-8	Phenanthrene	336000	U
120-12-7	Anthracene	336000	U
84-74-2	Di-n-butylphthalate	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP TOTE 3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747110 Lab File ID: 471-10D10.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 1302

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	336000	U
129-00-0	Pyrene	336000	U
92-87-5	Benzidine	844000	U
85-68-7	Butylbenzylphthalate	336000	U
91-94-1	3,3'-Dichlorobenzidine	336000	U
56-55-3	Benzo(a)anthracene	336000	U
218-01-9	Chrysene	336000	U
117-81-7	bis(2-ethylhexyl)phthalate	336000	U
117-84-0	Di-n-octylphthalate	336000	U
205-99-2	Benzo(b)fluoranthene	336000	U
207-08-9	Benzo(k)fluoranthene	336000	U
50-32-8	Benzo(a)pyrene	336000	U
193-39-5	Indeno(1,2,3-cd)pyrene	336000	U
53-70-3	Dibenz(a,h)anthracene	336000	U
191-24-2	Benzo(g,h,i)perylene	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB-07-(7.2)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747111 Lab File ID: 471-11DT.D

Sample wt/vol: 1.5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2306

PercentSolids: 87.7 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	30400	U
62-53-3	Aniline	30400	U
111-44-4	Bis(2-Chloroethyl)ether	30400	U
108-95-2	Phenol	152000	U
95-57-8	2-Chlorophenol	30400	U
541-73-1	1,3-Dichlorobenzene	30400	U
106-46-7	1,4-Dichlorobenzene	30400	U
95-50-1	1,2-Dichlorobenzene	30400	U
100-51-6	Benzyl alcohol	76000	U
108-60-1	2,2-Oxybis(1-chloropropane)	30800	U
95-48-7	2-Methylphenol (o-Cresol)	30400	U
67-72-1	Hexachloroethane	30800	U
621-64-7	N-Nitroso-di-n-propylamine	30400	U
106-44-5	4-Methylphenol	30400	U
98-95-3	Nitrobenzene	30400	U
78-59-1	Isophorone	30400	U
88-75-5	2-Nitrophenol	30400	U
105-67-9	2,4-Dimethylphenol	30400	U
65-85-0	Benzoic acid	152000	U
111-91-1	Bis(2-Chloroethoxy)methane	30400	U
120-83-2	2,4-Dichlorophenol	30400	U
120-82-1	1,2,4-Trichlorobenzene	30400	U
91-20-3	Naphthalene	30400	U
106-47-8	4-Chloroaniline	30400	U
91-57-6	2-Methylnaphthalene	30400	U
87-68-3	Hexachlorobutadiene	30400	U
59-50-7	4-Chloro-3-methylphenol	30400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB-07-(7.2)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747111 Lab File ID: 471-11DT.D

Sample wt/vol: 1.5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2306

PercentSolids: 87.7 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	30400	U
77-47-4	Hexachlorocyclopentadiene	76000	U
88-06-2	2,4,6-Trichlorophenol	30400	U
95-95-4	2,4,5-Trichlorophenol	30400	U
91-58-7	2-Chloronaphthalene	30800	U
88-74-4	2-Nitroaniline	30400	U
208-96-8	Acenaphthylene	30400	U
131-11-3	Dimethyl-phthalate	30400	U
606-20-2	2,6-Dinitrotoluene	30400	U
83-32-9	Acenaphthene	30400	U
99-09-2	3-Nitroaniline	30400	U
51-28-5	2,4-Dinitrophenol	153000	U
132-64-9	Dibenzofuran	30400	U
121-14-2	2,4-Dinitrotoluene	30400	U
100-02-7	4-Nitrophenol	76000	U
86-73-7	Fluorene	30400	U
7005-72-3	4-Chlorophenyl-phenylether	30400	U
84-66-2	Diethylphthalate	30400	U
100-01-6	4-Nitroaniline	30400	U
534-52-1	2-Methyl-4,6-dinitrophenol	152000	U
86-30-6	N-Nitrosodiphenylamine	30400	U
101-55-3	4-Bromophenyl-phenylether	30400	U
118-74-1	Hexachlorobenzene	30400	U
87-86-5	Pentachlorophenol	152000	U
85-01-8	Phenanthrene	30400	U
120-12-7	Anthracene	30400	U
84-74-2	Di-n-butylphthalate	30400	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-SB-07-(7.2)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747111 Lab File ID: 471-11DT.D

Sample wt/vol: 1.5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 2306

PercentSolids: 87.7 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	30400	U
129-00-0	Pyrene	30400	U
92-87-5	Benzidine	76400	U
85-68-7	Butylbenzylphthalate	30400	U
91-94-1	3,3'-Dichlorobenzidine	30400	U
56-55-3	Benzo(a)anthracene	30400	U
218-01-9	Chrysene	30400	U
117-81-7	bis(2-ethylhexyl)phthalate	30400	U
117-84-0	Di-n-octylphthalate	30400	U
205-99-2	Benzo(b)fluoranthene	30400	U
207-08-9	Benzo(k)fluoranthene	30400	U
50-32-8	Benzo(a)pyrene	30400	U
193-39-5	Indeno(1,2,3-cd)pyrene	30400	U
53-70-3	Dibenz(a,h)anthracene	30400	U
191-24-2	Benzo(g,h,i)perylene	30400	U

QC Summary

130907 1354

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3383BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 248028 Lab File ID: 3383BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2030

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3383BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 248028 Lab File ID: 3383BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2030

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3383BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 248028 Lab File ID: 3383BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/06/07 Time: 2030

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3394BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 248103 Lab File ID: 3394BLK.D

Sample wt/vol: 1.35 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1428

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	2970	U
62-53-3	Aniline	2970	U
111-44-4	Bis(2-Chloroethyl)ether	2970	U
108-95-2	Phenol	14800	U
95-57-8	2-Chlorophenol	2970	U
541-73-1	1,3-Dichlorobenzene	2970	U
106-46-7	1,4-Dichlorobenzene	2970	U
95-50-1	1,2-Dichlorobenzene	2970	U
100-51-6	Benzyl alcohol	7410	U
108-60-1	2,2-Oxybis(1-chloropropane)	3000	U
95-48-7	2-Methylphenol (o-Cresol)	2970	U
67-72-1	Hexachloroethane	3000	U
621-64-7	N-Nitroso-di-n-propylamine	2970	U
106-44-5	4-Methylphenol	2970	U
98-95-3	Nitrobenzene	2970	U
78-59-1	Isophorone	2970	U
88-75-5	2-Nitrophenol	2970	U
105-67-9	2,4-Dimethylphenol	2970	U
65-85-0	Benzoic acid	14800	U
111-91-1	Bis(2-Chloroethoxy)methane	2970	U
120-83-2	2,4-Dichlorophenol	2970	U
120-82-1	1,2,4-Trichlorobenzene	2970	U
91-20-3	Naphthalene	2970	U
106-47-8	4-Chloroaniline	2970	U
91-57-6	2-Methylnaphthalene	2970	U
87-68-3	Hexachlorobutadiene	2970	U
59-50-7	4-Chloro-3-methylphenol	2970	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3394BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 248103 Lab File ID: 3394BLK.D

Sample wt/vol: 1.35 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1428

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	2970	U
77-47-4	Hexachlorocyclopentadiene	7410	U
88-06-2	2,4,6-Trichlorophenol	2970	U
95-95-4	2,4,5-Trichlorophenol	2970	U
91-58-7	2-Chloronaphthalene	3000	U
88-74-4	2-Nitroaniline	2970	U
208-96-8	Acenaphthylene	2970	U
131-11-3	Dimethyl-phthalate	2970	U
606-20-2	2,6-Dinitrotoluene	2970	U
83-32-9	Acenaphthene	2970	U
99-09-2	3-Nitroaniline	2970	U
51-28-5	2,4-Dinitrophenol	14900	U
132-64-9	Dibenzofuran	2970	U
121-14-2	2,4-Dinitrotoluene	2970	U
100-02-7	4-Nitrophenol	7410	U
86-73-7	Fluorene	2970	U
7005-72-3	4-Chlorophenyl-phenylether	2970	U
84-66-2	Diethylphthalate	2970	U
100-01-6	4-Nitroaniline	2970	U
534-52-1	2-Methyl-4,6-dinitrophenol	14800	U
86-30-6	N-Nitrosodiphenylamine	2970	U
101-55-3	4-Bromophenyl-phenylether	2970	U
118-74-1	Hexachlorobenzene	2970	U
87-86-5	Pentachlorophenol	14800	U
85-01-8	Phenanthrene	2970	U
120-12-7	Anthracene	2970	U
84-74-2	Di-n-butylphthalate	2970	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3394BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 248103 Lab File ID: 3394BLK.D

Sample wt/vol: 1.35 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 1 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1428

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	2970	U
129-00-0	Pyrene	2970	U
92-87-5	Benzidine	7440	U
85-68-7	Butylbenzylphthalate	2970	U
91-94-1	3,3'-Dichlorobenzidine	2970	U
56-55-3	Benzo(a)anthracene	2970	U
218-01-9	Chrysene	2970	U
117-81-7	bis(2-ethylhexyl)phthalate	2970	U
117-84-0	Di-n-octylphthalate	2970	U
205-99-2	Benzo(b)fluoranthene	2970	U
207-08-9	Benzo(k)fluoranthene	2970	U
50-32-8	Benzo(a)pyrene	2970	U
193-39-5	Indeno(1,2,3-cd)pyrene	2970	U
53-70-3	Dibenz(a,h)anthracene	2970	U
191-24-2	Benzo(g,h,i)perylene	2970	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3383LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	40000	48600	122.0 *		30.0	48 - 115
Aniline	40000	0	0.0 *		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	43900	110.0 *		30.0	61 - 105
Phenol	40000	53900	135.0 *		23.0	46 - 100
2-Chlorophenol	40000	43700	109.0 *		24.0	54 - 105
1,3-Dichlorobenzene	40000	49100	123.0 *		26.0	67 - 100
1,4-Dichlorobenzene	40000	48900	122.0 *		27.0	62 - 105
1,2-Dichlorobenzene	40000	49800	124.0 *		30.0	65 - 95
Benzyl alcohol	40000	0	0.0 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	47300	118.0 *		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	51100	128.0 *		30.0	58 - 105
Hexachloroethane	40000	45200	113.0 *		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	49600	124.0 *		28.0	59 - 115
4-Methylphenol	40000	49300	123.0 *		26.0	57 - 105
Nitrobenzene	40000	42600	106.0		27.0	71 - 115
Isophorone	40000	46200	116.0 *		30.0	69 - 110
2-Nitrophenol	40000	47300	118.0 *		20.0	61 - 110
2,4-Dimethylphenol	40000	51200	128.0 *		30.0	65 - 105
Benzoic acid	80000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	40000	100.0		30.0	70 - 110
2,4-Dichlorophenol	40000	47500	119.0 *		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	47600	119.0 *		29.0	71 - 110
Naphthalene	40000	49000	122.0 *		23.0	67 - 105
4-Chloroaniline	40000	37000	92.5		30.0	57 - 95
2-Methylnaphthalene	40000	50300	126.0 *		22.0	72 - 105
Hexachlorobutadiene	40000	44000	110.0		27.0	79 - 115
4-Chloro-3-methylphenol	40000	45600	114.0		30.0	62 - 115
1-Methylnaphthalene	40000	51300	128.0		25.0	67 - 145
Hexachlorocyclopentadiene	40000	29300	73.2		44.0	34 - 139
2,4,6-Trichlorophenol	40000	44400	111.0 *		30.0	62 - 110
2,4,5-Trichlorophenol	40000	45600	114.0 *		29.0	61 - 110
2-Chloronaphthalene	40000	48100	120.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3383LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	42500	106.0		23.0	71 - 120
Acenaphthylene	40000	46400	116.0 *		21.0	66 - 105
Dimethyl-phthalate	40000	47700	119.0 *		30.0	69 - 110
2,6-Dinitrotoluene	40000	44200	110.0		30.0	73 - 110
Acenaphthene	40000	47400	118.0 *		28.0	65 - 110
3-Nitroaniline	40000	41200	103.0		30.0	76 - 110
2,4-Dinitrophenol	80000	100000	125.0		30.0	29 - 130
Dibenzofuran	40000	48300	121.0 *		28.0	75 - 105
2,4-Dinitrotoluene	40000	46600	116.0 *		29.0	77 - 115
4-Nitrophenol	40000	37400	93.5		30.0	52 - 140
Fluorene	40000	48100	120.0 *		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	47800	120.0 *		30.0	65 - 110
Diethylphthalate	40000	47200	118.0 *		28.0	68 - 115
4-Nitroaniline	40000	40800	102.0		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	68100	170.0 *		28.0	34 - 135
N-Nitrosodiphenylamine	40000	53600	134.0 *		23.0	77 - 115
4-Bromophenyl-phenylether	40000	46500	116.0 *		30.0	59 - 115
Hexachlorobenzene	40000	47700	119.0		28.0	77 - 120
Pentachlorophenol	40000	63500	159.0 *		30.0	36 - 120
Phenanthrene	40000	47500	119.0 *		25.0	67 - 110
Anthracene	40000	47200	118.0 *		19.0	67 - 105
Di-n-butylphthalate	40000	48600	122.0 *		29.0	67 - 110
Fluoranthene	40000	48600	122.0 *		21.0	74 - 115
Pyrene	40000	46600	116.0		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	47800	120.0		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	81400	204.0 *		30.0	41 - 130
Benzo(a)anthracene	40000	45600	114.0 *		29.0	67 - 110
Chrysene	40000	45600	114.0 *		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	48700	122.0		30.0	65 - 125
Di-n-octylphthalate	40000	48400	121.0		30.0	64 - 130
Benzo(b)fluoranthene	40000	45200	113.0		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3383LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	43000	108.0		28.0	53 - 125
Benzo(a)pyrene	40000	45600	114.0 *		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	42800	107.0		30.0	40 - 120
Dibenz(a,h)anthracene	40000	43700	109.0		30.0	40 - 125
Benzo(g,h,i)perylene	40000	45600	114.0		23.0	41 - 125

Spike Recovery: 46 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3394LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	34200	10700	31.3 *		30.0	48 - 115
Aniline	34200	17200	50.3		30.0	47 - 140
Bis(2-Chloroethyl)ether	34200	23300	68.1		30.0	61 - 105
Phenol	34200	23600	69.0		23.0	46 - 100
2-Chlorophenol	34200	22200	64.9		24.0	54 - 105
1,3-Dichlorobenzene	34200	24000	70.2		26.0	67 - 100
1,4-Dichlorobenzene	34200	25200	73.7		27.0	62 - 105
1,2-Dichlorobenzene	34200	24400	71.3		30.0	65 - 95
Benzyl alcohol	34200	22900	67.0		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	34200	25500	74.6		30.0	52 - 115
2-Methylphenol (o-Cresol)	34200	25100	73.4		30.0	58 - 105
Hexachloroethane	34200	25200	73.7		28.0	65 - 110
N-Nitroso-di-n-propylamine	34200	24800	72.5		28.0	59 - 115
4-Methylphenol	34200	25800	75.4		26.0	57 - 105
Nitrobenzene	34200	24100	70.5 *		27.0	71 - 115
Isophorone	34200	23700	69.3		30.0	69 - 110
2-Nitrophenol	34200	22000	64.3		20.0	61 - 110
2,4-Dimethylphenol	34200	23400	68.4		30.0	65 - 105
Benzoic acid	68400	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	34200	20200	59.1 *		30.0	70 - 110
2,4-Dichlorophenol	34200	23700	69.3		29.0	64 - 110
1,2,4-Trichlorobenzene	34200	25100	73.4		29.0	71 - 110
Naphthalene	34200	25000	73.1		23.0	67 - 105
4-Chloroaniline	34200	19700	57.6		30.0	57 - 95
2-Methylnaphthalene	34200	24600	71.9 *		22.0	72 - 105
Hexachlorobutadiene	34200	24400	71.3 *		27.0	79 - 115
4-Chloro-3-methylphenol	34200	22600	66.1		30.0	62 - 115
1-Methylnaphthalene	34200	24700	72.2		25.0	67 - 145
Hexachlorocyclopentadiene	34200	18300	53.5		44.0	34 - 139
2,4,6-Trichlorophenol	34200	24500	71.6		30.0	62 - 110
2,4,5-Trichlorophenol	34200	24800	72.5		29.0	61 - 110
2-Chloronaphthalene	34200	24800	72.5		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3394LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	34200	21300	62.3 *		23.0	71 - 120
Acenaphthylene	34200	23500	68.7		21.0	66 - 105
Dimethyl-phthalate	34200	23200	67.8 *		30.0	69 - 110
2,6-Dinitrotoluene	34200	24100	70.5 *		30.0	73 - 110
Acenaphthene	34200	24500	71.6		28.0	65 - 110
3-Nitroaniline	34200	20900	61.1 *		30.0	76 - 110
2,4-Dinitrophenol	68400	19400	28.4 *		30.0	29 - 130
Dibenzofuran	34200	24800	72.5 *		28.0	75 - 105
2,4-Dinitrotoluene	34200	25300	74.0 *		29.0	77 - 115
4-Nitrophenol	34200	19700	57.6		30.0	52 - 140
Fluorene	34200	25300	74.0		28.0	67 - 110
4-Chlorophenyl-phenylether	34200	26800	78.4		30.0	65 - 110
Diethylphthalate	34200	23900	69.9		28.0	68 - 115
4-Nitroaniline	34200	23200	67.8 *		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	34200	21800	63.7		28.0	34 - 135
N-Nitrosodiphenylamine	34200	25000	73.1 *		23.0	77 - 115
4-Bromophenyl-phenylether	34200	24000	70.2		30.0	59 - 115
Hexachlorobenzene	34200	17200	50.3 *		28.0	77 - 120
Pentachlorophenol	34200	22500	65.8		30.0	36 - 120
Phenanthrene	34200	24100	70.5		25.0	67 - 110
Anthracene	34200	23500	68.7		19.0	67 - 105
Di-n-butylphthalate	34200	23300	68.1		29.0	67 - 110
Fluoranthene	34200	24700	72.2 *		21.0	74 - 115
Pyrene	34200	24700	72.2		20.0	67 - 125
Benzidine	34200	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	34200	15800	46.2 *		30.0	66 - 125
3,3'-Dichlorobenzidine	34200	14000	40.9 *		30.0	41 - 130
Benzo(a)anthracene	34200	23000	67.3		29.0	67 - 110
Chrysene	34200	24500	71.6		30.0	65 - 110
bis(2-ethylhexyl)phthalate	34200	17400	50.9 *		30.0	65 - 125
Di-n-octylphthalate	34200	15700	45.9 *		30.0	64 - 130
Benzo(b)fluoranthene	34200	23900	69.9		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3394LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	34200	24200	70.8		28.0	53 - 125
Benzo(a)pyrene	34200	23100	67.5		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	34200	18400	53.8		30.0	40 - 120
Dibenz(a,h)anthracene	34200	20500	59.9		30.0	40 - 125
Benzo(g,h,i)perylene	34200	21300	62.3		23.0	41 - 125

Spike Recovery: 22 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1354

Form III

GC/ECD PCB ORGANICS

METHOD 8082

130907 1354

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507471

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507471

Client: T N & Associates, Inc.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/11/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Method: 8082

EPA Sample No	Lab Sample ID
NPPD67	250747101
NPPD66	250747102
NPPD60	250747103
NPPD61	250747104
NPPD59	250747105
NPPD57	250747106
NPPD58	250747107
NPPD56	250747108
NPP TOTE 2	250747109
NPP TOTE 3	250747110
NPP-SB-07-(7.2)	250747111

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Sample Data

130907 1355

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD67

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747101 Lab File ID: 471-01.D

Sample wt/vol: 1.01 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1751

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD66

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747102 Lab File ID: 471-02.D

Sample wt/vol: 1.03 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1822

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD60

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747103 Lab File ID: 471-03.D

Sample wt/vol: 1.03 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1853

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD61

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747104 Lab File ID: 471-04.D

Sample wt/vol: 1.03 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2045

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD59

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747105 Lab File ID: 471-05.D

Sample wt/vol: 1.07 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2116

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD57

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747106 Lab File ID: 471-06.D

Sample wt/vol: 1.07 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2147

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD58

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747107 Lab File ID: 471-07.D

Sample wt/vol: 1.04 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2218

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD56

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747108 Lab File ID: 471-08.D

Sample wt/vol: 1.03 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2249

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747109 Lab File ID: 471-09.D

Sample wt/vol: 1.03 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2320

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP TOTE 3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747110 Lab File ID: 471-10.D

Sample wt/vol: 1.03 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 2351

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB-07-(7.2)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747111 Lab File ID: 471-11.D

Sample wt/vol: 1.02 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/05/07 Time: 1456

PercentSolids: 87.7 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	500	U
11096-82-5	Aroclor-1260	500	U
11104-28-2	Aroclor-1221	500	U
11141-16-5	Aroclor-1232	500	U
53469-21-9	Aroclor-1242	500	U
12672-29-6	Aroclor-1248	500	U
11097-69-1	Aroclor-1254	500	U

QC Summary

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1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 386BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 248056 Lab File ID: 386BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/31/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/07/07 Time: 1208

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 393BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 248099 Lab File ID: 393BLK.D

Sample wt/vol: 1.46 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted: 08/30/07

Level:(low/med) LOW Date Analyzed: 09/04/07 Time: 2259

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	310	U
11096-82-5	Aroclor-1260	310	U
11104-28-2	Aroclor-1221	310	U
11141-16-5	Aroclor-1232	310	U
53469-21-9	Aroclor-1242	310	U
12672-29-6	Aroclor-1248	310	U
11097-69-1	Aroclor-1254	310	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

386LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	10000	100.0		21.0	40 - 140
Aroclor-1260	10000	9940	99.4		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

393LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	9710	7720	79.5		21.0	40 - 140
Aroclor-1260	9710	7830	80.6		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

130907 1355

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507471

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 248346BLK was analyzed with the soil samples on 09/06/07. The following analyte(s) were detected below RL: Antimony at 0.312 MG/KG, Iron at 1.84 MG/KG.
Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507471

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

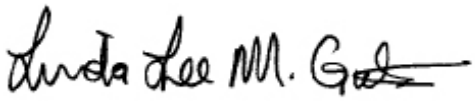
E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **09/07/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507471

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

3. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507471

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

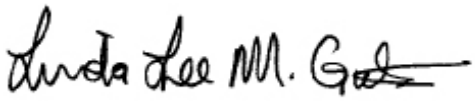
E. Serial Dilution:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **09/13/2007**

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507471

SOW No.:

EPA Sample No	Lab Sample ID
NPPD67	250747101
NPPD66	250747102
NPPD60	250747103
NPPD61	250747104
NPPD59	250747105
NPPD57	250747106
NPPD58	250747107
NPPD56	250747108
NPP TOTE 2	250747109
NPP TOTE 3	250747110
NPP-SB-07-(7.2)	250747111

Were ICP interelement corrections applied?	Yes/No	Yes
Were ICP background corrections applied?	Yes/No	Yes
If yes - were raw data generated before application of background corrections?	Yes/No	No

Comments:

130907 1355

Sample Data

130907 1355

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD67

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747101

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	18.9			P
7440-36-0	Antimony	0.928	B		P
7440-38-2	Arsenic	0.477	U		P
7440-39-3	Barium	0.285	B		P
7440-41-7	Beryllium	0.153	U		P
7440-43-9	Cadmium	0.0477	U		P
7440-70-2	Calcium	12.8			P
7440-47-3	Chromium	0.933			P
7440-48-4	Cobalt	0.0477	U		P
7440-50-8	Copper	0.525			P
7439-89-6	Iron	406			P
7439-92-1	Lead	0.378	B		P
7439-95-4	Magnesium	2.86	U		P
7439-96-5	Manganese	19			P
7439-97-6	Mercury	0.00209	U		CV
7440-02-0	Nickel	0.862			P
7440-09-7	Potassium	58			P
7782-49-2	Selenium	1.76			P
7440-22-4	Silver	0.153	U		P
7440-23-5	Sodium	1800			P
7440-28-0	Thallium	0.315	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD67

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747101

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.153	U		P
7440-66-6	Zinc	1.85			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD66

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747102

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.81	U		P
7440-36-0	Antimony	0.198	U		P
7440-38-2	Arsenic	0.43	U		P
7440-39-3	Barium	0.138	U		P
7440-41-7	Beryllium	0.138	U		P
7440-43-9	Cadmium	0.043	U		P
7440-70-2	Calcium	4.66	B		P
7440-47-3	Chromium	0.138	U		P
7440-48-4	Cobalt	0.043	U		P
7440-50-8	Copper	0.138	U		P
7439-89-6	Iron	0.516	U		P
7439-92-1	Lead	0.293	U		P
7439-95-4	Magnesium	2.58	U		P
7439-96-5	Manganese	0.138	U		P
7439-97-6	Mercury	0.00207	U		CV
7440-02-0	Nickel	0.138	U		P
7440-09-7	Potassium	13	B		P
7782-49-2	Selenium	1.31			P
7440-22-4	Silver	0.138	U		P
7440-23-5	Sodium	8.6	U		P
7440-28-0	Thallium	0.284	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD66

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747102

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.138	U		P
7440-66-6	Zinc	0.953			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD60

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747103

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.74	B		P
7440-36-0	Antimony	5.33			P
7440-38-2	Arsenic	0.487	U		P
7440-39-3	Barium	19.4			P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.348	B		P
7440-70-2	Calcium	1770			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0487	U		P
7440-50-8	Copper	0.964			P
7439-89-6	Iron	167			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	227			P
7439-96-5	Manganese	1.56			P
7439-97-6	Mercury	0.00277	B		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	59			P
7782-49-2	Selenium	0.487	U		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	50.9			P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD60

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747103

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.159	B		P
7440-66-6	Zinc	221			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD61

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747104

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.97	U		P
7440-36-0	Antimony	54.4			P
7440-38-2	Arsenic	0.47	U		P
7440-39-3	Barium	0.15	U		P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.073	B		P
7440-70-2	Calcium	305			P
7440-47-3	Chromium	0.15	U		P
7440-48-4	Cobalt	0.429	B		P
7440-50-8	Copper	0.15	U		P
7439-89-6	Iron	102			P
7439-92-1	Lead	0.32	U		P
7439-95-4	Magnesium	245			P
7439-96-5	Manganese	4.59			P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.15	U		P
7440-09-7	Potassium	3600			P
7782-49-2	Selenium	1.53			P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	1300			P
7440-28-0	Thallium	0.31	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD61

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747104

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.15	U		P
7440-66-6	Zinc	5.01			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD59

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747105

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	4.68	B		P
7440-36-0	Antimony	0.72	B		P
7440-38-2	Arsenic	0.486	U		P
7440-39-3	Barium	0.293	B		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0486	U		P
7440-70-2	Calcium	20.7			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0486	U		P
7440-50-8	Copper	0.874			P
7439-89-6	Iron	101			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	5	B		P
7439-96-5	Manganese	0.944			P
7439-97-6	Mercury	0.00383	B		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	140			P
7782-49-2	Selenium	0.572	B		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	108			P
7440-28-0	Thallium	0.321	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD59

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747105

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	3.25			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD57

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747106

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	1.64			P
7440-38-2	Arsenic	0.482	U		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0482	U		P
7440-70-2	Calcium	10.5			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0482	U		P
7440-50-8	Copper	1.73			P
7439-89-6	Iron	9.71			P
7439-92-1	Lead	0.328	U		P
7439-95-4	Magnesium	2.89	U		P
7439-96-5	Manganese	2.81			P
7439-97-6	Mercury	0.00375	B		CV
7440-02-0	Nickel	0.333	B		P
7440-09-7	Potassium	4570			P
7782-49-2	Selenium	1.18			P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	1410			P
7440-28-0	Thallium	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD57

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747106

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	0.328	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD58

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747107

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	2.82			P
7440-38-2	Arsenic	0.487	B		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0483	U		P
7440-70-2	Calcium	3.35	B		P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0483	U		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	1.18	B		P
7439-92-1	Lead	0.328	U		P
7439-95-4	Magnesium	2.9	U		P
7439-96-5	Manganese	0.154	U		P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.613			P
7440-09-7	Potassium	5870			P
7782-49-2	Selenium	1.17			P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	2330			P
7440-28-0	Thallium	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD58

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747107

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD56

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747108

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2	U		P
7440-36-0	Antimony	2.49			P
7440-38-2	Arsenic	0.475	U		P
7440-39-3	Barium	0.266	B		P
7440-41-7	Beryllium	0.152	U		P
7440-43-9	Cadmium	0.0475	U		P
7440-70-2	Calcium	3.92	B		P
7440-47-3	Chromium	0.152	U		P
7440-48-4	Cobalt	0.0475	U		P
7440-50-8	Copper	4.46			P
7439-89-6	Iron	8.56			P
7439-92-1	Lead	0.323	U		P
7439-95-4	Magnesium	2.85	U		P
7439-96-5	Manganese	0.714			P
7439-97-6	Mercury	0.00266	B		CV
7440-02-0	Nickel	0.745			P
7440-09-7	Potassium	3150			P
7782-49-2	Selenium	0.988			P
7440-22-4	Silver	0.152	U		P
7440-23-5	Sodium	2290			P
7440-28-0	Thallium	0.314	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD56

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747108

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.152	U		P
7440-66-6	Zinc	0.66	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747109

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	19			P
7440-36-0	Antimony	35.4			P
7440-38-2	Arsenic	0.492	U		P
7440-39-3	Barium	31.6			P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0492	U		P
7440-70-2	Calcium	95.9			P
7440-47-3	Chromium	0.468	B		P
7440-48-4	Cobalt	0.117	B		P
7440-50-8	Copper	1.82			P
7439-89-6	Iron	85.2			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	13.3			P
7439-96-5	Manganese	33.4			P
7439-97-6	Mercury	0.0085	B		CV
7440-02-0	Nickel	0.621			P
7440-09-7	Potassium	270			P
7782-49-2	Selenium	1.32			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	846			P
7440-28-0	Thallium	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 2

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747109

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	3.23			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747110

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	7.15	B		P
7440-36-0	Antimony	1			P
7440-38-2	Arsenic	0.467	U		P
7440-39-3	Barium	1.03			P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.0467	U		P
7440-70-2	Calcium	23.5			P
7440-47-3	Chromium	0.824			P
7440-48-4	Cobalt	0.169	B		P
7440-50-8	Copper	2.76			P
7439-89-6	Iron	103			P
7439-92-1	Lead	0.318	U		P
7439-95-4	Magnesium	8.68	B		P
7439-96-5	Manganese	1.02			P
7439-97-6	Mercury	0.00898	B		CV
7440-02-0	Nickel	6.35			P
7440-09-7	Potassium	69.7			P
7782-49-2	Selenium	0.861	B		P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	2680			P
7440-28-0	Thallium	0.308	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP TOTE 3

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747110

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.15	U		P
7440-66-6	Zinc	4			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB-07-(7.2)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747111

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 87.7 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	4950			P
7440-36-0	Antimony	0.214	B		P
7440-38-2	Arsenic	2.7			P
7440-39-3	Barium	11			P
7440-41-7	Beryllium	0.0936	U		P
7440-43-9	Cadmium	0.0293	U		P
7440-70-2	Calcium	178			P
7440-47-3	Chromium	4.77			P
7440-48-4	Cobalt	0.304			P
7440-50-8	Copper	1.46			P
7439-89-6	Iron	13300			P
7439-92-1	Lead	2.12			P
7439-95-4	Magnesium	134			P
7439-96-5	Manganese	7.63			P
7439-97-6	Mercury	0.0179	B		CV
7440-02-0	Nickel	0.254	B		P
7440-09-7	Potassium	158			P
7782-49-2	Selenium	0.402	B		P
7440-22-4	Silver	0.144	B		P
7440-23-5	Sodium	11.3	B		P
7440-28-0	Thallium	0.193	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-SB-07-(7.2)

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Lab Sample ID: 250747111

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 87.7 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	12.4			P
7440-66-6	Zinc	2.2			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1355

QC Summary

130907 1355

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

248207LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.341		0.325		4.8		CV

Comments:

130907 1355

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6

DUPLICATES

EPA Sample No.

248348LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4760		4690		1.5		P
Antimony	20	48.3		48.4		0.2		P
Arsenic	20	47.3		46.3		2.1		P
Barium	20	140		139		0.7		P
Beryllium	20	49		48.3		1.4		P
Cadmium	20	47		46.8		0.4		P
Calcium	20	4660		4590		1.5		P
Chromium	20	48.8		48.4		0.8		P
Cobalt	20	46.4		46.2		0.4		P
Copper	20	49.1		48.8		0.6		P
Iron	20	4960		4890		1.4		P
Lead	20	48.6		48.1		1.0		P
Magnesium	20	4440		4370		1.6		P
Manganese	20	49.1		48.3		1.6		P
Nickel	20	47.4		47.1		0.6		P
Potassium	20	4750		4700		1.1		P
Selenium	20	46		46.2		0.4		P
Silver	20	19.6		19.5		0.5		P
Sodium	20	4790		4720		1.5		P
Thallium	20	46.7		46.6		0.2		P
Vanadium	20	49.9		49.6		0.6		P
Zinc	20	47		46.8		0.4		P

Comments:

130907 1355

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248207LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Solid LCS Source: MET-61501

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.341		80	120	113.7

130907 1355

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248207LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Solid LCS Source: MET-61501

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.325		80	120	108.3

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248347LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	%R
Aluminum				5000	4760		80 - 120	95.2
Antimony				50	48.3		80 - 120	96.6
Arsenic				50	47.3		80 - 120	94.6
Barium				150	140		80 - 120	93.3
Beryllium				50	49		80 - 120	98.0
Cadmium				50	47		80 - 120	94.0
Calcium				5000	4660		80 - 120	93.2
Chromium				50	48.8		80 - 120	97.6
Cobalt				50	46.4		80 - 120	92.8
Copper				50	49.1		80 - 120	98.2
Iron				5000	4960		80 - 120	99.2
Lead				50	48.6		80 - 120	97.2
Magnesium				5000	4440		80 - 120	88.8
Manganese				50	49.1		80 - 120	98.2
Nickel				50	47.4		80 - 120	94.8
Potassium				5000	4750		80 - 120	95.0
Selenium				50	46		80 - 120	92.0
Silver				20	19.6		80 - 120	98.0
Sodium				5000	4790		80 - 120	95.8
Thallium				50	46.7		80 - 120	93.4
Vanadium				50	49.9		80 - 120	99.8
Zinc				50	47		80 - 120	94.0

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248348LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507471

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4690		80 - 120	93.8
Antimony				50	48.4		80 - 120	96.8
Arsenic				50	46.3		80 - 120	92.6
Barium				150	139		80 - 120	92.7
Beryllium				50	48.3		80 - 120	96.6
Cadmium				50	46.8		80 - 120	93.6
Calcium				5000	4590		80 - 120	91.8
Chromium				50	48.4		80 - 120	96.8
Cobalt				50	46.2		80 - 120	92.4
Copper				50	48.8		80 - 120	97.6
Iron				5000	4890		80 - 120	97.8
Lead				50	48.1		80 - 120	96.2
Magnesium				5000	4370		80 - 120	87.4
Manganese				50	48.3		80 - 120	96.6
Nickel				50	47.1		80 - 120	94.2
Potassium				5000	4700		80 - 120	94.0
Selenium				50	46.2		80 - 120	92.4
Silver				20	19.5		80 - 120	97.5
Sodium				5000	4720		80 - 120	94.4
Thallium				50	46.6		80 - 120	93.2
Vanadium				50	49.6		80 - 120	99.2
Zinc				50	46.8		80 - 120	93.6

130907 1355

Chain of Custody Documentation

130907 1355

PEL Laboratories, Inc.

Chain of Custody Record
Record/Work Request

2507471 KC

4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Company: TN & Associates, Inc.

Project Name/Number: National Petroleum Packers / 2005148-1089

Page 3 of 4

Address: 1220 Kennestone Circle, Marietta, GA

Project Manager: Lou Von Oldenburg

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Phone: 678-355-5550 Fax: 678-355-5545

Purchase Order:

Print Names(s) / Affiliation: Lou Von Oldenburg / TN&A

Sampler(s) Signature(s):

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested: 8010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
19	NPPD67	8/28/07	857		O	3		X	X	X	X	Water	01
20	NPPD66		854										02
21	NPPD60		845										03
22	NPPD61		842										04
23	NPPD59		839										05
24	NPPD57		833										06
25	NPPD58		836										07
26	NPPD56		830										08
													09

Shipment Method: 24 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/17/07	1100		8/24/7	1013
Additional Comments:	FW Ups Ground			8/27/7	17:00	FedEx Ground IPL	8/29	1000
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
2 @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507471

1179

Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Company: T H & Associates, Inc.

Project Name/Number: National Petroleum Packers / 2005148-1089

Page 4 of 4

Address: 1220 Kennestone Circle, Marietta, GA

Project Manager: Lon Von Oldenburg

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Phone: 678-355-5550 Fax: 678-355-5545

Purchase Order:

Print Names(s) / Affiliation: Lon Von Oldenburg

Sampler(s) Signature(s):

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested: 6010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
27	NPP TOTE 2	8/28/07	848		O	3		X	X	X	X	Waste	09
28	NPP TOTE 3	8/28/07	857		O	3		X	X	X	X	Waste	10
29	NPP-SB-07-(7-2)	8/28/7	0800		SO	6		X	X	X	X		11

Shipment Method: 12 ← Total Number of Containers

Out: / / Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / / Via.			08/17/07	1100		8/22/7	
Additional Comments: 8 W Vials & Jars			8/28/7	17:00	Dan IPL	8/29/07	1040
Standard TAT							

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
2 @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

FL080

fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx US Airbill

Express

FedEx Tracking Number 8592 9213 7294

0200

Recipient's Copy

1 From

Date 8/28/07

Sender's Name [redacted] Phone 678 355-5550

Company TN ? ASSOCIATES

Address 1220 HANSON CIR

Dept/Floor/Suite/Room

City MARIETTA State GA ZIP 30066

2 Your Internal Billing Reference [redacted]

3 To

Recipient's Name [redacted] Phone

Company PEL - CAB

Recipient's Address 4

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept/Floor/Suite/Room

Address 4420 DENSON PKWY

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33614

8592 9213 7294

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____

** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [x] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	5 9	$ 100 .00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

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fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx Express US Airbill

FedEx Tracking Number 8532 0829 9702

Recipient's Copy

1 From

Date 8/28/07

Sender's Name TN N Phone 678 355-5156

Company TN's Pressure Washing

Address 122 Kingsland Circle

City Smyrna State GA ZIP 30066 Dept/Floor/Suite/Room

2 Your Internal Billing Reference Invoice 1089

3 To

Recipient's Name Phone

Company PEL Logistics

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4420 Pendleton Rd RD Dept/Floor/Suite/Room

To request a package be held at a specific FedEx location, print FedEx address here.

City Tampa State FL ZIP 33619

8532 0829 9702

4a Express Package Service — Packages up to 150 lbs. * To most locations

- [x] FedEx Priority Overnight — Next business morning*
- [ ] FedEx Standard Overnight — Next business afternoon*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations*
- [ ] FedEx 2Day — Second business day*
- [ ] FedEx Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service — Packages over 150 lbs. ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation:

5 Packaging — * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment Bill to: — Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check
- [ ] Obtain Recip. Acct. No.

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	53.50	$ 100.00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

Questions? Visit our Web site at fedex.com or call 1.800.GoFedEx 1.800.463.3339.

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

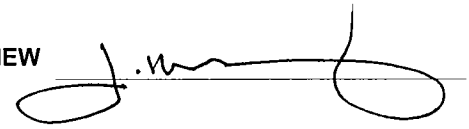
SDG:	2507471	**Req:**	83511
Client:	TN&A	**Project:**	National Petroleum Packers
Level:	2	**Date Rec'd:**	8/29/07 10:00:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/07/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW 

Client: TN&A

WONo: 2507471 **Profile Name:** Nat'l Petro. **Profile #:** 83511

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
11	Dry Weight	Dry Weight		MM	8/29	2:75
11	Dry Weight	Dry Weight	MM		8/29	3:25
01 - 11	7470	Mercury		BMD	9/4/07	900
01 - 11	7470	Mercury	N/A			
01 - 11	6010	Metals		BMD	9/4/07	900
01 - 11	6010	Metals	N/A			
01 - 11	8260	Volatile Organic Compounds		MS	8/31/07	1:30
01 - 11	8260	Volatile Organic Compounds		consumed		
01 - 11	8270	GCMS semivolatile		SL	8/30/07	13:00
01 - 11	8270	GCMS semivolatile	SL		8/30/07	20:00
01 - 11	8082	PCB		GC	8/31/07	630 cm
01 - 11	8082	PCB	GC		8/31/07	1pm

Additional:

Comments:

Addendum

130907 1355

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/29/2007 10:00:00 AM

Date to be Reported: 9/10/2007

Laboratory Submission Number/SDG: 2507471

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507471

Project: National Petroleum Packers

Samples: The submission consisted of 11 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

10-day TAT.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level 2

Total of: 55 analyses on 11 samples (including QC) *30-Aug-07*

Report/SDG #: 2507471

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD67	250747101		S	8/28/2007 8:57:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD66	250747102		S	8/28/2007 8:54:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD60	250747103		S	8/28/2007 8:45:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507471

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD61	250747104		S	8/28/2007 8:42:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD59	250747105		S	8/28/2007 8:39:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD57	250747106		S	8/28/2007 8:33:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507471

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD58	250747107		S	8/28/2007 8:36:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD56	250747108		S	8/28/2007 8:30:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP TOTE 2	250747109		S	8/28/2007 8:48:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507471

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP TOTE 3	250747110		S	8/28/2007 8:51:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-SB-07-(7.2)	250747111		S	8/28/2007 8:00:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

From: Darcy Weisman
Sent: Tuesday, September 11, 2007 2:00 PM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: 2507471 / 8270 - RE

Please note that the 8270's for SDG 2507471 are being re-extracted (WED).

-----Original Message-----
From: Lara Keene
Sent: Tuesday, September 11, 2007 9:53 AM
To: Brian Spann
Subject: 2507471 / 8270

all the surrogates for this project are coming out around 10% in some cases 2,4,6-tribromophenol is non existant.
ISTD pass however some are up around 80%

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/29/2007 10:00:00 AM
Date Reported:	9/6/2007
Laboratory Submission Number/SDG:	2507472
Project:	National Petroleum Packers

Samples: The submission consisted of 3 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

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Addendum 103

EXECUTIVE SUMMARY - Detection Highlights

2507472

SAMPLE ID: NPP-T-4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	29.7	9.96	MG/KG	SW6010B
Antimony	431	0.996	MG/KG	SW6010B
Arsenic	14.5	0.996	MG/KG	SW6010B
Calcium	42.5	9.96	MG/KG	SW6010B
Chromium	2.15	0.498	MG/KG	SW6010B
Copper	19.6	0.498	MG/KG	SW6010B
Iron	584	4.98	MG/KG	SW6010B
Lead	4.7	0.677	MG/KG	SW6010B
Manganese	2.64	0.498	MG/KG	SW6010B
Nickel	2.52	0.498	MG/KG	SW6010B
Potassium	338	49.8	MG/KG	SW6010B
Selenium	0.58 B	0.996	MG/KG	SW6010B
Vanadium	1.82	0.498	MG/KG	SW6010B
Zinc	58	0.996	MG/KG	SW6010B
p,m-Xylene	6900	1680	UG/KG	SW8260B

SAMPLE ID: NPP-T-4DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	147000	299	MG/KG	SW6010B

SAMPLE ID: NPP-T-4RE1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
p,m-Xylene	9090	1680	UG/KG	SW8260B

SAMPLE ID: NPP-T-5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.99 B	9.73	MG/KG	SW6010B
Arsenic	5.37	0.973	MG/KG	SW6010B
Calcium	44.2	9.73	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507472

Chromium	0.864	0.486	MG/KG	SW6010B
Cobalt	0.125 B	0.486	MG/KG	SW6010B
Copper	0.195 B	0.486	MG/KG	SW6010B
Iron	542	4.86	MG/KG	SW6010B
Magnesium	5.31 B	9.73	MG/KG	SW6010B
Manganese	21	0.486	MG/KG	SW6010B
Nickel	0.437 B	0.486	MG/KG	SW6010B
Potassium	746	48.6	MG/KG	SW6010B
Selenium	1.53	0.973	MG/KG	SW6010B
Sodium	8360	29.2	MG/KG	SW6010B
Zinc	1.44	0.973	MG/KG	SW6010B
Phenol	137000 J	179000	UG/KG	SW8270C

SAMPLE ID: NPP-T-5DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	618	4.86	MG/KG	SW6010B

SAMPLE ID: NPP-T-7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.62	0.978	MG/KG	SW6010B
Calcium	7.54 B	9.78	MG/KG	SW6010B
Copper	6.48	0.489	MG/KG	SW6010B
Iron	434	4.89	MG/KG	SW6010B
Manganese	0.195 B	0.489	MG/KG	SW6010B
Potassium	12.1 B	48.9	MG/KG	SW6010B
Selenium	0.769 B	0.978	MG/KG	SW6010B
Sodium	14.4 B	29.4	MG/KG	SW6010B
Zinc	11.8	0.978	MG/KG	SW6010B
1,2,4-Trimethylbenzene	3770	1020	UG/KG	SW8260B
1,3,5-Trimethylbenzene	1250	1020	UG/KG	SW8260B
4-Isopropyltoluene	217 J	1020	UG/KG	SW8260B
4-Methyl-2-pentanone	788 J	2040	UG/KG	SW8260B
Ethylbenzene	2810	1020	UG/KG	SW8260B
Naphthalene	27300	1020	UG/KG	SW8260B
n-Butylbenzene	1120	1020	UG/KG	SW8260B
n-Propylbenzene	206 J	1020	UG/KG	SW8260B
o-Xylene	4630	1020	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507472

p,m-Xylene	11200	2040	UG/KG	SW8260B
Toluene	7490	1020	UG/KG	SW8260B
1-Methylnaphthalene	162000 J	371000	UG/KG	SW8270C
2-Methylnaphthalene	252000 J	371000	UG/KG	SW8270C
Naphthalene	62700 J	371000	UG/KG	SW8270C

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

060907 900

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507472

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample NPP-T-4 was recovered below criteria for Dibromofluoromethane at 4 % with criteria of (68-119). This sample was reanalyzed. See below.

Sample NPP-T-4RE1 was recovered below criteria for Dibromofluoromethane at 0 % with criteria of (68-119). No further action was taken. Both sets of data are reported.

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 083007LCSA22D was analyzed with the soil samples on 08/30/07. The following analyte(s) were recovered above criteria: 2-Butanone at

PEL Lab Reference No./SDG: 2507472

Client: T N & Associates, Inc.

138 % with criteria of (70-130), Acetone at 143 % with criteria of (58-133). The following analyte exceeded RPD criteria: 2-Butanone at 34.5 % with criteria of (30). No further action was required.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 08/30/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Method: 8260

EPA Sample No	Lab Sample ID
NPP-T-4	250747201
NPP-T-4RE1	250747201RE1
NPP-T-5	250747202
NPP-T-7	250747203

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 47201.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1411

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	840	U
74-87-3	Chloromethane	840	U
75-01-4	Vinyl chloride	840	U
74-83-9	Bromomethane	840	U
75-00-3	Chloroethane	2100	U
75-69-4	Trichlorofluoromethane	840	U
75-35-4	1,1-Dichloroethene	840	U
107-02-8	Acrolein	10500	U
74-88-4	Methyl iodide	840	U
75-15-0	Carbon disulfide	840	U
75-09-2	Methylene chloride	2100	U
156-60-5	trans-1,2-Dichloroethene	840	U
107-13-1	Acrylonitrile	2100	U
75-34-3	1,1-Dichloroethane	840	U
67-64-1	Acetone	4200	U
594-20-7	2,2-Dichloropropane	840	U
156-59-2	cis-1,2-Dichloroethene	840	U
74-97-5	Bromochloromethane	840	U
78-93-3	2-Butanone	4200	U
67-66-3	Chloroform	840	U
71-55-6	1,1,1-Trichloroethane	840	U
56-23-5	Carbon tetrachloride	840	U
563-58-6	1,1-Dichloropropene	840	U
71-43-2	Benzene	840	U
107-06-2	1,2-Dichloroethane	840	U
79-01-6	Trichloroethene	840	U
108-05-4	Vinyl acetate	1680	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 47201.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1411

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	840	U
74-95-3	Dibromomethane	840	U
75-27-4	Bromodichloromethane	840	U
10061-01-5	cis-1,3-Dichloropropene	840	U
108-10-1	4-Methyl-2-pentanone	1680	U
108-88-3	Toluene	840	U
10061-02-6	trans-1,3-Dichloropropene	840	U
79-00-5	1,1,2-Trichloroethane	840	U
127-18-4	Tetrachloroethene	2100	U
142-28-9	1,3-Dichloropropane	840	U
591-78-6	2-Hexanone	1680	U
124-48-1	Dibromochloromethane	840	U
106-93-4	1,2-Dibromoethane(EDB)	840	U
108-90-7	Chlorobenzene	840	U
630-20-6	1,1,1,2-Tetrachloroethane	840	U
100-41-4	Ethylbenzene	840	U
511-39-00	p,m-Xylene	6900	
95-47-6	o-Xylene	840	U
100-42-5	Styrene	840	U
75-25-2	Bromoform	2100	U
98-82-8	Isopropylbenzene (Cumene)	840	U
108-86-1	Bromobenzene	840	U
79-34-5	1,1,2,2-Tetrachloroethane	840	U
96-18-4	1,2,3-Trichloropropane	840	U
103-65-1	n-Propylbenzene	840	U
95-49-8	2-Chlorotoluene	840	U
106-43-4	4-Chlorotoluene	840	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 47201.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1411

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	840	U
98-06-6	tert-Butylbenzene	840	U
95-63-6	1,2,4-Trimethylbenzene	840	U
135-98-8	sec-Butylbenzene	840	U
541-73-1	1,3-Dichlorobenzene	840	U
106-46-7	1,4-Dichlorobenzene	840	U
99-87-6	4-Isopropyltoluene	840	U
104-51-8	n-Butylbenzene	840	U
95-50-1	1,2-Dichlorobenzene	840	U
96-12-8	1,2-Dibromo-3-chloropropane	4200	U
120-82-1	1,2,4-Trichlorobenzene	840	U
87-68-3	Hexachlorobutadiene	1260	U
91-20-3	Naphthalene	840	U
87-61-6	1,2,3-Trichlorobenzene	840	U
1634-04-4	MTBE	840	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-4RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201RE1 Lab File ID: 47201R.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1052

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	840	U
74-87-3	Chloromethane	840	U
75-01-4	Vinyl chloride	840	U
74-83-9	Bromomethane	840	U
75-00-3	Chloroethane	2100	U
75-69-4	Trichlorofluoromethane	840	U
75-35-4	1,1-Dichloroethene	840	U
107-02-8	Acrolein	10500	U
74-88-4	Methyl iodide	840	U
75-15-0	Carbon disulfide	840	U
75-09-2	Methylene chloride	2100	U
156-60-5	trans-1,2-Dichloroethene	840	U
107-13-1	Acrylonitrile	2100	U
75-34-3	1,1-Dichloroethane	840	U
67-64-1	Acetone	4200	U
594-20-7	2,2-Dichloropropane	840	U
156-59-2	cis-1,2-Dichloroethene	840	U
74-97-5	Bromochloromethane	840	U
78-93-3	2-Butanone	4200	U
67-66-3	Chloroform	840	U
71-55-6	1,1,1-Trichloroethane	840	U
56-23-5	Carbon tetrachloride	840	U
563-58-6	1,1-Dichloropropene	840	U
71-43-2	Benzene	840	U
107-06-2	1,2-Dichloroethane	840	U
79-01-6	Trichloroethene	840	U
108-05-4	Vinyl acetate	1680	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-4RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201RE1 Lab File ID: 47201R.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1052

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	840	U
74-95-3	Dibromomethane	840	U
75-27-4	Bromodichloromethane	840	U
10061-01-5	cis-1,3-Dichloropropene	840	U
108-10-1	4-Methyl-2-pentanone	1680	U
108-88-3	Toluene	840	U
10061-02-6	trans-1,3-Dichloropropene	840	U
79-00-5	1,1,2-Trichloroethane	840	U
127-18-4	Tetrachloroethene	2100	U
142-28-9	1,3-Dichloropropane	840	U
591-78-6	2-Hexanone	1680	U
124-48-1	Dibromochloromethane	840	U
106-93-4	1,2-Dibromoethane(EDB)	840	U
108-90-7	Chlorobenzene	840	U
630-20-6	1,1,1,2-Tetrachloroethane	840	U
100-41-4	Ethylbenzene	840	U
511-39-00	p,m-Xylene	9090	
95-47-6	o-Xylene	840	U
100-42-5	Styrene	840	U
75-25-2	Bromoform	2100	U
98-82-8	Isopropylbenzene (Cumene)	840	U
108-86-1	Bromobenzene	840	U
79-34-5	1,1,2,2-Tetrachloroethane	840	U
96-18-4	1,2,3-Trichloropropane	840	U
103-65-1	n-Propylbenzene	840	U
95-49-8	2-Chlorotoluene	840	U
106-43-4	4-Chlorotoluene	840	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-4RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201RE1 Lab File ID: 47201R.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1052

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	840	U
98-06-6	tert-Butylbenzene	840	U
95-63-6	1,2,4-Trimethylbenzene	840	U
135-98-8	sec-Butylbenzene	840	U
541-73-1	1,3-Dichlorobenzene	840	U
106-46-7	1,4-Dichlorobenzene	840	U
99-87-6	4-Isopropyltoluene	840	U
104-51-8	n-Butylbenzene	840	U
95-50-1	1,2-Dichlorobenzene	840	U
96-12-8	1,2-Dibromo-3-chloropropane	4200	U
120-82-1	1,2,4-Trichlorobenzene	840	U
87-68-3	Hexachlorobutadiene	1260	U
91-20-3	Naphthalene	840	U
87-61-6	1,2,3-Trichlorobenzene	840	U
1634-04-4	MTBE	840	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 47202.D

Sample wt/vol: 1.65 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1344

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	606	U
74-87-3	Chloromethane	606	U
75-01-4	Vinyl chloride	606	U
74-83-9	Bromomethane	606	U
75-00-3	Chloroethane	1520	U
75-69-4	Trichlorofluoromethane	606	U
75-35-4	1,1-Dichloroethene	606	U
107-02-8	Acrolein	7580	U
74-88-4	Methyl iodide	606	U
75-15-0	Carbon disulfide	606	U
75-09-2	Methylene chloride	1520	U
156-60-5	trans-1,2-Dichloroethene	606	U
107-13-1	Acrylonitrile	1520	U
75-34-3	1,1-Dichloroethane	606	U
67-64-1	Acetone	3030	U
594-20-7	2,2-Dichloropropane	606	U
156-59-2	cis-1,2-Dichloroethene	606	U
74-97-5	Bromochloromethane	606	U
78-93-3	2-Butanone	3030	U
67-66-3	Chloroform	606	U
71-55-6	1,1,1-Trichloroethane	606	U
56-23-5	Carbon tetrachloride	606	U
563-58-6	1,1-Dichloropropene	606	U
71-43-2	Benzene	606	U
107-06-2	1,2-Dichloroethane	606	U
79-01-6	Trichloroethene	606	U
108-05-4	Vinyl acetate	1210	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 47202.D

Sample wt/vol: 1.65 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1344

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	606	U
74-95-3	Dibromomethane	606	U
75-27-4	Bromodichloromethane	606	U
10061-01-5	cis-1,3-Dichloropropene	606	U
108-10-1	4-Methyl-2-pentanone	1210	U
108-88-3	Toluene	606	U
10061-02-6	trans-1,3-Dichloropropene	606	U
79-00-5	1,1,2-Trichloroethane	606	U
127-18-4	Tetrachloroethene	1520	U
142-28-9	1,3-Dichloropropane	606	U
591-78-6	2-Hexanone	1210	U
124-48-1	Dibromochloromethane	606	U
106-93-4	1,2-Dibromoethane(EDB)	606	U
108-90-7	Chlorobenzene	606	U
630-20-6	1,1,1,2-Tetrachloroethane	606	U
100-41-4	Ethylbenzene	606	U
511-39-00	p,m-Xylene	1210	U
95-47-6	o-Xylene	606	U
100-42-5	Styrene	606	U
75-25-2	Bromoform	1520	U
98-82-8	Isopropylbenzene (Cumene)	606	U
108-86-1	Bromobenzene	606	U
79-34-5	1,1,2,2-Tetrachloroethane	606	U
96-18-4	1,2,3-Trichloropropane	606	U
103-65-1	n-Propylbenzene	606	U
95-49-8	2-Chlorotoluene	606	U
106-43-4	4-Chlorotoluene	606	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 47202.D

Sample wt/vol: 1.65 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1344

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	606	U
98-06-6	tert-Butylbenzene	606	U
95-63-6	1,2,4-Trimethylbenzene	606	U
135-98-8	sec-Butylbenzene	606	U
541-73-1	1,3-Dichlorobenzene	606	U
106-46-7	1,4-Dichlorobenzene	606	U
99-87-6	4-Isopropyltoluene	606	U
104-51-8	n-Butylbenzene	606	U
95-50-1	1,2-Dichlorobenzene	606	U
96-12-8	1,2-Dibromo-3-chloropropane	3030	U
120-82-1	1,2,4-Trichlorobenzene	606	U
87-68-3	Hexachlorobutadiene	909	U
91-20-3	Naphthalene	606	U
87-61-6	1,2,3-Trichlorobenzene	606	U
1634-04-4	MTBE	606	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203.D

Sample wt/vol: 0.98 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1439

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1020	U
74-87-3	Chloromethane	1020	U
75-01-4	Vinyl chloride	1020	U
74-83-9	Bromomethane	1020	U
75-00-3	Chloroethane	2550	U
75-69-4	Trichlorofluoromethane	1020	U
75-35-4	1,1-Dichloroethene	1020	U
107-02-8	Acrolein	12800	U
74-88-4	Methyl iodide	1020	U
75-15-0	Carbon disulfide	1020	U
75-09-2	Methylene chloride	2550	U
156-60-5	trans-1,2-Dichloroethene	1020	U
107-13-1	Acrylonitrile	2550	U
75-34-3	1,1-Dichloroethane	1020	U
67-64-1	Acetone	5100	U
594-20-7	2,2-Dichloropropane	1020	U
156-59-2	cis-1,2-Dichloroethene	1020	U
74-97-5	Bromochloromethane	1020	U
78-93-3	2-Butanone	5100	U
67-66-3	Chloroform	1020	U
71-55-6	1,1,1-Trichloroethane	1020	U
56-23-5	Carbon tetrachloride	1020	U
563-58-6	1,1-Dichloropropene	1020	U
71-43-2	Benzene	1020	U
107-06-2	1,2-Dichloroethane	1020	U
79-01-6	Trichloroethene	1020	U
108-05-4	Vinyl acetate	2040	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203.D

Sample wt/vol: 0.98 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1439

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1020	U
74-95-3	Dibromomethane	1020	U
75-27-4	Bromodichloromethane	1020	U
10061-01-5	cis-1,3-Dichloropropene	1020	U
108-10-1	4-Methyl-2-pentanone	788	J
108-88-3	Toluene	7490	
10061-02-6	trans-1,3-Dichloropropene	1020	U
79-00-5	1,1,2-Trichloroethane	1020	U
127-18-4	Tetrachloroethene	2550	U
142-28-9	1,3-Dichloropropane	1020	U
591-78-6	2-Hexanone	2040	U
124-48-1	Dibromochloromethane	1020	U
106-93-4	1,2-Dibromoethane(EDB)	1020	U
108-90-7	Chlorobenzene	1020	U
630-20-6	1,1,1,2-Tetrachloroethane	1020	U
100-41-4	Ethylbenzene	2810	
511-39-00	p,m-Xylene	11200	
95-47-6	o-Xylene	4630	
100-42-5	Styrene	1020	U
75-25-2	Bromoform	2550	U
98-82-8	Isopropylbenzene (Cumene)	1020	U
108-86-1	Bromobenzene	1020	U
79-34-5	1,1,2,2-Tetrachloroethane	1020	U
96-18-4	1,2,3-Trichloropropane	1020	U
103-65-1	n-Propylbenzene	206	J
95-49-8	2-Chlorotoluene	1020	U
106-43-4	4-Chlorotoluene	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203.D

Sample wt/vol: 0.98 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1439

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1250	
98-06-6	tert-Butylbenzene	1020	U
95-63-6	1,2,4-Trimethylbenzene	3770	
135-98-8	sec-Butylbenzene	1020	U
541-73-1	1,3-Dichlorobenzene	1020	U
106-46-7	1,4-Dichlorobenzene	1020	U
99-87-6	4-Isopropyltoluene	217	J
104-51-8	n-Butylbenzene	1120	
95-50-1	1,2-Dichlorobenzene	1020	U
96-12-8	1,2-Dibromo-3-chloropropane	5100	U
120-82-1	1,2,4-Trichlorobenzene	1020	U
87-68-3	Hexachlorobutadiene	1530	U
91-20-3	Naphthalene	27300	
87-61-6	1,2,3-Trichlorobenzene	1020	U
1634-04-4	MTBE	1020	U

QC Summary

060907 900

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082907BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 082907BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082907BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 082907BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 082907BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 082907BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 083007BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 0905

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 083007BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 0905

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 083007BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 083007BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 08/30/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 0905

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082907LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1570	78.5		30.0	45 - 128
Chloromethane	2000	1490	74.5		30.0	70 - 130
Vinyl chloride	2000	1620	81.0		30.0	70 - 130
Bromomethane	2000	2460	123.0		30.0	39 - 148
Chloroethane	2000	1700	85.0		30.0	55 - 139
Trichlorofluoromethane	2000	1930	96.5		30.0	70 - 130
1,1-Dichloroethene	2000	2020	101.0		30.0	70 - 130
Acrolein	6000	4950	82.5		30.0	69 - 130
Methyl iodide	2000	2220	111.0		30.0	55 - 133
Carbon disulfide	2000	2080	104.0		30.0	65 - 130
Methylene chloride	2000	2130	106.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2070	104.0		30.0	70 - 130
Acrylonitrile	6000	5690	94.8		30.0	70 - 130
1,1-Dichloroethane	2000	1980	99.0		30.0	70 - 130
Acetone	6000	5530	92.2		30.0	58 - 133
2,2-Dichloropropane	2000	2360	118.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2000	100.0		30.0	70 - 130
Bromochloromethane	2000	1990	99.5		30.0	70 - 130
2-Butanone	6000	6210	104.0		30.0	70 - 130
Chloroform	2000	2070	104.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2050	102.0		30.0	70 - 130
Carbon tetrachloride	2000	2080	104.0		30.0	70 - 130
1,1-Dichloropropene	2000	2000	100.0		30.0	70 - 130
Benzene	2000	2000	100.0		30.0	70 - 130
1,2-Dichloroethane	2000	1960	98.0		30.0	70 - 130
Trichloroethene	2000	2120	106.0		30.0	70 - 130
Vinyl acetate	2000	2070	104.0		30.0	70 - 130
1,2-Dichloropropane	2000	2020	101.0		30.0	70 - 130
Dibromomethane	2000	2060	103.0		30.0	70 - 130
Bromodichloromethane	2000	2050	102.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2200	110.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5620	93.7		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 900

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 082907LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2040	102.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2180	109.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2060	103.0		30.0	70 - 130
Tetrachloroethene	2000	2070	104.0		30.0	70 - 130
1,3-Dichloropropane	2000	1980	99.0		30.0	70 - 130
2-Hexanone	6000	5790	96.5		30.0	70 - 130
Dibromochloromethane	2000	1880	94.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2030	102.0		30.0	70 - 130
Chlorobenzene	2000	1940	97.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1820	91.0		30.0	70 - 130
Ethylbenzene	2000	2080	104.0		30.0	70 - 130
p,m-Xylene	4000	3940	98.5		30.0	70 - 130
o-Xylene	2000	1920	96.0		30.0	70 - 130
Styrene	2000	2000	100.0		30.0	70 - 130
Bromoform	2000	1820	91.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2010	100.0		30.0	70 - 130
Bromobenzene	2000	2150	108.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1980	99.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	1860	93.0		30.0	70 - 130
n-Propylbenzene	2000	1960	98.0		30.0	70 - 130
2-Chlorotoluene	2000	1920	96.0		30.0	70 - 130
4-Chlorotoluene	2000	2050	102.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1990	99.5		30.0	70 - 130
tert-Butylbenzene	2000	2050	102.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2000	100.0		30.0	70 - 130
sec-Butylbenzene	2000	1900	95.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	2020	101.0		30.0	70 - 130
4-Isopropyltoluene	2000	1980	99.0		30.0	70 - 130
n-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2050	102.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2130	106.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 900

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

082907LCSA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1990	99.5		30.0	65 - 130
Hexachlorobutadiene	2000	1770	88.5		30.0	70 - 130
Naphthalene	2000	1880	94.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1960	98.0		30.0	70 - 130
MTBE	2000	2280	114.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 900

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

083007LCSA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1660	83.0		30.0	45 - 128
Chloromethane	2000	1660	83.0		30.0	70 - 130
Vinyl chloride	2000	1670	83.5		30.0	70 - 130
Bromomethane	2000	2570	128.0		30.0	39 - 148
Chloroethane	2000	1920	96.0		30.0	55 - 139
Trichlorofluoromethane	2000	2000	100.0		30.0	70 - 130
1,1-Dichloroethene	2000	1880	94.0		30.0	70 - 130
Acrolein	6000	5490	91.5		30.0	69 - 130
Methyl iodide	2000	2100	105.0		30.0	55 - 133
Carbon disulfide	2000	2110	106.0		30.0	65 - 130
Methylene chloride	2000	1980	99.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	1840	92.0		30.0	70 - 130
Acrylonitrile	6000	5610	93.5		30.0	70 - 130
1,1-Dichloroethane	2000	1940	97.0		30.0	70 - 130
Acetone	6000	7880	131.0		30.0	58 - 133
2,2-Dichloropropane	2000	2260	113.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2050	102.0		30.0	70 - 130
Bromochloromethane	2000	1950	97.5		30.0	70 - 130
2-Butanone	6000	5820	97.0		30.0	70 - 130
Chloroform	2000	1960	98.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1980	99.0		30.0	70 - 130
Carbon tetrachloride	2000	2070	104.0		30.0	70 - 130
1,1-Dichloropropene	2000	1910	95.5		30.0	70 - 130
Benzene	2000	1960	98.0		30.0	70 - 130
1,2-Dichloroethane	2000	1890	94.5		30.0	70 - 130
Trichloroethene	2000	2010	100.0		30.0	70 - 130
Vinyl acetate	2000	2040	102.0		30.0	70 - 130
1,2-Dichloropropane	2000	2060	103.0		30.0	70 - 130
Dibromomethane	2000	1940	97.0		30.0	70 - 130
Bromodichloromethane	2000	2040	102.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2160	108.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5690	94.8		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 900

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 083007LCSA22

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	1960	98.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2270	114.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	1940	97.0		30.0	70 - 130
Tetrachloroethene	2000	1790	89.5		30.0	70 - 130
1,3-Dichloropropane	2000	1930	96.5		30.0	70 - 130
2-Hexanone	6000	6180	103.0		30.0	70 - 130
Dibromochloromethane	2000	1950	97.5		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2000	100.0		30.0	70 - 130
Chlorobenzene	2000	2020	101.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1870	93.5		30.0	70 - 130
Ethylbenzene	2000	2030	102.0		30.0	70 - 130
p,m-Xylene	4000	3940	98.5		30.0	70 - 130
o-Xylene	2000	1910	95.5		30.0	70 - 130
Styrene	2000	2180	109.0		30.0	70 - 130
Bromoform	2000	1900	95.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1900	95.0		30.0	70 - 130
Bromobenzene	2000	1990	99.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1690	84.5		30.0	70 - 130
1,2,3-Trichloropropane	2000	1690	84.5		30.0	70 - 130
n-Propylbenzene	2000	1900	95.0		30.0	70 - 130
2-Chlorotoluene	2000	1940	97.0		30.0	70 - 130
4-Chlorotoluene	2000	2030	102.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1930	96.5		30.0	70 - 130
tert-Butylbenzene	2000	2040	102.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2000	100.0		30.0	70 - 130
sec-Butylbenzene	2000	1840	92.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2030	102.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	2000	100.0		30.0	70 - 130
4-Isopropyltoluene	2000	1960	98.0		30.0	70 - 130
n-Butylbenzene	2000	1880	94.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	2070	104.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1600	80.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 900

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

083007LCSA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1930	96.5		30.0	65 - 130
Hexachlorobutadiene	2000	2120	106.0		30.0	70 - 130
Naphthalene	2000	1920	96.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1870	93.5		30.0	70 - 130
MTBE	2000	2220	111.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 900

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 083007LCSA22D

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1810	90.5	8.6	30.0	45 - 128
Chloromethane	2000	1720	86.0	3.6	30.0	70 - 130
Vinyl chloride	2000	1880	94.0	11.8	30.0	70 - 130
Bromomethane	2000	2360	118.0	8.5	30.0	39 - 148
Chloroethane	2000	1980	99.0	3.1	30.0	55 - 139
Trichlorofluoromethane	2000	1990	99.5	0.5	30.0	70 - 130
1,1-Dichloroethene	2000	1850	92.5	1.6	30.0	70 - 130
Acrolein	6000	5500	91.7	0.2	30.0	69 - 130
Methyl iodide	2000	2160	108.0	2.8	30.0	55 - 133
Carbon disulfide	2000	2040	102.0	3.4	30.0	65 - 130
Methylene chloride	2000	1930	96.5	2.6	30.0	70 - 130
trans-1,2-Dichloroethene	2000	1870	93.5	1.6	30.0	70 - 130
Acrylonitrile	6000	5950	99.2	5.9	30.0	70 - 130
1,1-Dichloroethane	2000	1960	98.0	1.0	30.0	70 - 130
Acetone	6000	8560	143.0 *	8.3	30.0	58 - 133
2,2-Dichloropropane	2000	2280	114.0	0.9	30.0	70 - 130
cis-1,2-Dichloroethene	2000	2060	103.0	0.5	30.0	70 - 130
Bromochloromethane	2000	1980	99.0	1.5	30.0	70 - 130
2-Butanone	6000	8250	138.0 *	34.5 *	30.0	70 - 130
Chloroform	2000	2080	104.0	5.9	30.0	70 - 130
1,1,1-Trichloroethane	2000	2020	101.0	2.0	30.0	70 - 130
Carbon tetrachloride	2000	2090	104.0	1.0	30.0	70 - 130
1,1-Dichloropropene	2000	1970	98.5	3.1	30.0	70 - 130
Benzene	2000	1980	99.0	1.0	30.0	70 - 130
1,2-Dichloroethane	2000	1960	98.0	3.6	30.0	70 - 130
Trichloroethene	2000	2060	103.0	2.5	30.0	70 - 130
Vinyl acetate	2000	2090	104.0	2.4	30.0	70 - 130
1,2-Dichloropropane	2000	2120	106.0	2.9	30.0	70 - 130
Dibromomethane	2000	1900	95.0	2.1	30.0	70 - 130
Bromodichloromethane	2000	2100	105.0	2.9	30.0	70 - 130
cis-1,3-Dichloropropene	2000	2190	110.0	1.4	30.0	70 - 130
4-Methyl-2-pentanone	6000	5940	99.0	4.3	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

060907 900

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

083007LCSA22D

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2020	101.0	3.0	30.0	70 - 130
trans-1,3-Dichloropropene	2000	2210	110.0	2.7	30.0	70 - 130
1,1,2-Trichloroethane	2000	2000	100.0	3.0	30.0	70 - 130
Tetrachloroethene	2000	1930	96.5	7.5	30.0	70 - 130
1,3-Dichloropropane	2000	1830	91.5	5.3	30.0	70 - 130
2-Hexanone	6000	6290	105.0	1.8	30.0	70 - 130
Dibromochloromethane	2000	1910	95.5	2.1	30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1930	96.5	3.6	30.0	70 - 130
Chlorobenzene	2000	2010	100.0	0.5	30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	1940	97.0	3.7	30.0	70 - 130
Ethylbenzene	2000	2020	101.0	0.5	30.0	70 - 130
p,m-Xylene	4000	3940	98.5	0.0	30.0	70 - 130
o-Xylene	2000	1910	95.5	0.0	30.0	70 - 130
Styrene	2000	2280	114.0	4.5	30.0	70 - 130
Bromoform	2000	1800	90.0	5.4	30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1940	97.0	2.1	30.0	70 - 130
Bromobenzene	2000	2030	102.0	2.0	30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1730	86.5	2.3	30.0	70 - 130
1,2,3-Trichloropropane	2000	1700	85.0	0.6	30.0	70 - 130
n-Propylbenzene	2000	1880	94.0	1.1	30.0	70 - 130
2-Chlorotoluene	2000	1910	95.5	1.6	30.0	70 - 130
4-Chlorotoluene	2000	2000	100.0	1.5	30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1960	98.0	1.5	30.0	70 - 130
tert-Butylbenzene	2000	2010	100.0	1.5	30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2000	100.0	0.0	30.0	70 - 130
sec-Butylbenzene	2000	1820	91.0	1.1	30.0	70 - 130
1,3-Dichlorobenzene	2000	1930	96.5	5.1	30.0	70 - 130
1,4-Dichlorobenzene	2000	1910	95.5	4.6	30.0	70 - 130
4-Isopropyltoluene	2000	1940	97.0	1.0	30.0	70 - 130
n-Butylbenzene	2000	1870	93.5	0.5	30.0	70 - 130
1,2-Dichlorobenzene	2000	1980	99.0	4.4	30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1780	89.0	10.7	30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 900

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

083007LCSA22D

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1940	97.0	0.5	30.0	65 - 130
Hexachlorobutadiene	2000	1750	87.5	19.1	30.0	70 - 130
Naphthalene	2000	1970	98.5	2.6	30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1950	97.5	4.2	30.0	70 - 130
MTBE	2000	2250	112.0	1.3	30.0	70 - 130

Spike Recovery: 2 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 900

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

060907 900

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507472

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3580 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, Chrysene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 4-Nitrophenol, Benzo(g,h,i)perylene, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Dibenz(a,h)anthracene, Di-n-octylphthalate, Indeno(1,2,3-cd)pyrene.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

PEL Lab Reference No./SDG: 2507472

Client: T N & Associates, Inc.

Sample NPP-T-4 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122), 2-Fluorophenol at 0 % with criteria of (25-121), Phenol-d5 at 2.8 % with criteria of (24-113) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 132 % with criteria of (30-115), Nitrobenzene-d5 at 131 % with criteria of (23-120), p-Terphenyl-d14 at 139 % with criteria of (18-137).

Sample NPP-T-5 was recovered above criteria for the following surrogate(s): 2,4,6-Tribromophenol at 125 % with criteria of (19-122), 2-Fluorobiphenyl at 124 % with criteria of (30-115).

Sample NPP-T-7 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 123 % with criteria of (30-115), Nitrobenzene-d5 at 130 % with criteria of (23-120), Phenol-d5 at 115 % with criteria of (24-113), p-Terphenyl-d14 at 142 % with criteria of (18-137).

The most likely reason for this is the sample matrix, so no further action was taken.

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3375LCS was analyzed with the soil samples extracted on 08/29/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), bis(2-ethylhexyl)phthalate at 55.8 % with criteria of (65-125), Butylbenzylphthalate at 60.5 % with criteria of (66-125), Di-n-octylphthalate at 45.8 % with criteria of (64-130). and the following analyte(s) were recovered above criteria: 1,2-Dichlorobenzene at 108 % with criteria of (65-95), 1,3-Dichlorobenzene at 111 % with criteria of (67-100), 1,4-Dichlorobenzene at 107 % with criteria of (62-105), 2-Chloronaphthalene at 108 % with criteria of (72-105), 2-Methylnaphthalene at 111 % with criteria of (72-105), 3,3'-Dichlorobenzidine at 134 % with criteria of (41-130), Bis(2-Chloroethyl)ether at 110 % with criteria of (61-105), Dibenzofuran at 108 % with criteria of (75-105), Hexachloroethane at 112 % with criteria of (65-110), Isophorone at 111 % with criteria of (69-110), Naphthalene at 108 % with criteria of (67-105), Phenol at 108 % with criteria of (46-100). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 108 % with criteria of (60-100), 1,3-Dichlorobenzene at 111 % with criteria of (61.5-105.5), 2-Methylnaphthalene at 111 % with criteria of (66.5-110.5), Di-n-octylphthalate at 45.8 % with criteria of (53-141).

The most probable reason for these LCS failures is that the criteria are for soil extraction and this is waste dilution.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507472

Client: T N & Associates, Inc.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

All samples were brought to a final volume of 10mL due to the sample matrix.

Sample NPP-T-7 required a further 1:10 dilution due to the sample matrix.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 08/31/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Method: 8270

EPA Sample No	Lab Sample ID
NPP-T-4	250747201
NPP-T-5	250747202
NPP-T-7	250747203

060907 900

Sample Data

060907 900

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 472-01.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 0940

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	35800	U
62-53-3	Aniline	35800	U
111-44-4	Bis(2-Chloroethyl)ether	35800	U
108-95-2	Phenol	179000	U
95-57-8	2-Chlorophenol	35800	U
541-73-1	1,3-Dichlorobenzene	35800	U
106-46-7	1,4-Dichlorobenzene	35800	U
95-50-1	1,2-Dichlorobenzene	35800	U
100-51-6	Benzyl alcohol	89300	U
108-60-1	2,2-Oxybis(1-chloropropane)	36200	U
95-48-7	2-Methylphenol (o-Cresol)	35800	U
67-72-1	Hexachloroethane	36200	U
621-64-7	N-Nitroso-di-n-propylamine	35800	U
106-44-5	4-Methylphenol	35800	U
98-95-3	Nitrobenzene	35800	U
78-59-1	Isophorone	35800	U
88-75-5	2-Nitrophenol	35800	U
105-67-9	2,4-Dimethylphenol	35800	U
65-85-0	Benzoic acid	179000	U
111-91-1	Bis(2-Chloroethoxy)methane	35800	U
120-83-2	2,4-Dichlorophenol	35800	U
120-82-1	1,2,4-Trichlorobenzene	35800	U
91-20-3	Naphthalene	35800	U
106-47-8	4-Chloroaniline	35800	U
91-57-6	2-Methylnaphthalene	35800	U
87-68-3	Hexachlorobutadiene	35800	U
59-50-7	4-Chloro-3-methylphenol	35800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 472-01.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 0940

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	35800	U
77-47-4	Hexachlorocyclopentadiene	89300	U
88-06-2	2,4,6-Trichlorophenol	35800	U
95-95-4	2,4,5-Trichlorophenol	35800	U
91-58-7	2-Chloronaphthalene	36200	U
88-74-4	2-Nitroaniline	35800	U
208-96-8	Acenaphthylene	35800	U
131-11-3	Dimethyl-phthalate	35800	U
606-20-2	2,6-Dinitrotoluene	35800	U
83-32-9	Acenaphthene	35800	U
99-09-2	3-Nitroaniline	35800	U
51-28-5	2,4-Dinitrophenol	179000	U
132-64-9	Dibenzofuran	35800	U
121-14-2	2,4-Dinitrotoluene	35800	U
100-02-7	4-Nitrophenol	89300	U
86-73-7	Fluorene	35800	U
7005-72-3	4-Chlorophenyl-phenylether	35800	U
84-66-2	Diethylphthalate	35800	U
100-01-6	4-Nitroaniline	35800	U
534-52-1	2-Methyl-4,6-dinitrophenol	179000	U
86-30-6	N-Nitrosodiphenylamine	35800	U
101-55-3	4-Bromophenyl-phenylether	35800	U
118-74-1	Hexachlorobenzene	35800	U
87-86-5	Pentachlorophenol	179000	U
85-01-8	Phenanthrene	35800	U
120-12-7	Anthracene	35800	U
84-74-2	Di-n-butylphthalate	35800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 472-01.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 0940

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	35800	U
129-00-0	Pyrene	35800	U
92-87-5	Benzidine	89700	U
85-68-7	Butylbenzylphthalate	35800	U
91-94-1	3,3'-Dichlorobenzidine	35800	U
56-55-3	Benzo(a)anthracene	35800	U
218-01-9	Chrysene	35800	U
117-81-7	bis(2-ethylhexyl)phthalate	35800	U
117-84-0	Di-n-octylphthalate	35800	U
205-99-2	Benzo(b)fluoranthene	35800	U
207-08-9	Benzo(k)fluoranthene	35800	U
50-32-8	Benzo(a)pyrene	35800	U
193-39-5	Indeno(1,2,3-cd)pyrene	35800	U
53-70-3	Dibenz(a,h)anthracene	35800	U
191-24-2	Benzo(g,h,i)perylene	35800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 472-02.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1012

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	35800	U
62-53-3	Aniline	35800	U
111-44-4	Bis(2-Chloroethyl)ether	35800	U
108-95-2	Phenol	137000	J
95-57-8	2-Chlorophenol	35800	U
541-73-1	1,3-Dichlorobenzene	35800	U
106-46-7	1,4-Dichlorobenzene	35800	U
95-50-1	1,2-Dichlorobenzene	35800	U
100-51-6	Benzyl alcohol	89300	U
108-60-1	2,2-Oxybis(1-chloropropane)	36200	U
95-48-7	2-Methylphenol (o-Cresol)	35800	U
67-72-1	Hexachloroethane	36200	U
621-64-7	N-Nitroso-di-n-propylamine	35800	U
106-44-5	4-Methylphenol	35800	U
98-95-3	Nitrobenzene	35800	U
78-59-1	Isophorone	35800	U
88-75-5	2-Nitrophenol	35800	U
105-67-9	2,4-Dimethylphenol	35800	U
65-85-0	Benzoic acid	179000	U
111-91-1	Bis(2-Chloroethoxy)methane	35800	U
120-83-2	2,4-Dichlorophenol	35800	U
120-82-1	1,2,4-Trichlorobenzene	35800	U
91-20-3	Naphthalene	35800	U
106-47-8	4-Chloroaniline	35800	U
91-57-6	2-Methylnaphthalene	35800	U
87-68-3	Hexachlorobutadiene	35800	U
59-50-7	4-Chloro-3-methylphenol	35800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 472-02.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1012

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	35800	U
77-47-4	Hexachlorocyclopentadiene	89300	U
88-06-2	2,4,6-Trichlorophenol	35800	U
95-95-4	2,4,5-Trichlorophenol	35800	U
91-58-7	2-Chloronaphthalene	36200	U
88-74-4	2-Nitroaniline	35800	U
208-96-8	Acenaphthylene	35800	U
131-11-3	Dimethyl-phthalate	35800	U
606-20-2	2,6-Dinitrotoluene	35800	U
83-32-9	Acenaphthene	35800	U
99-09-2	3-Nitroaniline	35800	U
51-28-5	2,4-Dinitrophenol	179000	U
132-64-9	Dibenzofuran	35800	U
121-14-2	2,4-Dinitrotoluene	35800	U
100-02-7	4-Nitrophenol	89300	U
86-73-7	Fluorene	35800	U
7005-72-3	4-Chlorophenyl-phenylether	35800	U
84-66-2	Diethylphthalate	35800	U
100-01-6	4-Nitroaniline	35800	U
534-52-1	2-Methyl-4,6-dinitrophenol	179000	U
86-30-6	N-Nitrosodiphenylamine	35800	U
101-55-3	4-Bromophenyl-phenylether	35800	U
118-74-1	Hexachlorobenzene	35800	U
87-86-5	Pentachlorophenol	179000	U
85-01-8	Phenanthrene	35800	U
120-12-7	Anthracene	35800	U
84-74-2	Di-n-butylphthalate	35800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 472-02.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1012

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	35800	U
129-00-0	Pyrene	35800	U
92-87-5	Benzidine	89700	U
85-68-7	Butylbenzylphthalate	35800	U
91-94-1	3,3'-Dichlorobenzidine	35800	U
56-55-3	Benzo(a)anthracene	35800	U
218-01-9	Chrysene	35800	U
117-81-7	bis(2-ethylhexyl)phthalate	35800	U
117-84-0	Di-n-octylphthalate	35800	U
205-99-2	Benzo(b)fluoranthene	35800	U
207-08-9	Benzo(k)fluoranthene	35800	U
50-32-8	Benzo(a)pyrene	35800	U
193-39-5	Indeno(1,2,3-cd)pyrene	35800	U
53-70-3	Dibenz(a,h)anthracene	35800	U
191-24-2	Benzo(g,h,i)perylene	35800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203D10.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1325

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	371000	U
62-53-3	Aniline	371000	U
111-44-4	Bis(2-Chloroethyl)ether	371000	U
108-95-2	Phenol	1850000	U
95-57-8	2-Chlorophenol	371000	U
541-73-1	1,3-Dichlorobenzene	371000	U
106-46-7	1,4-Dichlorobenzene	371000	U
95-50-1	1,2-Dichlorobenzene	371000	U
100-51-6	Benzyl alcohol	926000	U
108-60-1	2,2-Oxybis(1-chloropropane)	375000	U
95-48-7	2-Methylphenol (o-Cresol)	371000	U
67-72-1	Hexachloroethane	375000	U
621-64-7	N-Nitroso-di-n-propylamine	371000	U
106-44-5	4-Methylphenol	371000	U
98-95-3	Nitrobenzene	371000	U
78-59-1	Isophorone	371000	U
88-75-5	2-Nitrophenol	371000	U
105-67-9	2,4-Dimethylphenol	371000	U
65-85-0	Benzoic acid	1850000	U
111-91-1	Bis(2-Chloroethoxy)methane	371000	U
120-83-2	2,4-Dichlorophenol	371000	U
120-82-1	1,2,4-Trichlorobenzene	371000	U
91-20-3	Naphthalene	62700	J
106-47-8	4-Chloroaniline	371000	U
91-57-6	2-Methylnaphthalene	252000	J
87-68-3	Hexachlorobutadiene	371000	U
59-50-7	4-Chloro-3-methylphenol	371000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203D10.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1325

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	162000	J
77-47-4	Hexachlorocyclopentadiene	926000	U
88-06-2	2,4,6-Trichlorophenol	371000	U
95-95-4	2,4,5-Trichlorophenol	371000	U
91-58-7	2-Chloronaphthalene	375000	U
88-74-4	2-Nitroaniline	371000	U
208-96-8	Acenaphthylene	371000	U
131-11-3	Dimethyl-phthalate	371000	U
606-20-2	2,6-Dinitrotoluene	371000	U
83-32-9	Acenaphthene	371000	U
99-09-2	3-Nitroaniline	371000	U
51-28-5	2,4-Dinitrophenol	1860000	U
132-64-9	Dibenzofuran	371000	U
121-14-2	2,4-Dinitrotoluene	371000	U
100-02-7	4-Nitrophenol	926000	U
86-73-7	Fluorene	371000	U
7005-72-3	4-Chlorophenyl-phenylether	371000	U
84-66-2	Diethylphthalate	371000	U
100-01-6	4-Nitroaniline	371000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1850000	U
86-30-6	N-Nitrosodiphenylamine	371000	U
101-55-3	4-Bromophenyl-phenylether	371000	U
118-74-1	Hexachlorobenzene	371000	U
87-86-5	Pentachlorophenol	1850000	U
85-01-8	Phenanthrene	371000	U
120-12-7	Anthracene	371000	U
84-74-2	Di-n-butylphthalate	371000	U

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203D10.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1325

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	371000	U
129-00-0	Pyrene	371000	U
92-87-5	Benzidine	930000	U
85-68-7	Butylbenzylphthalate	371000	U
91-94-1	3,3'-Dichlorobenzidine	371000	U
56-55-3	Benzo(a)anthracene	371000	U
218-01-9	Chrysene	371000	U
117-81-7	bis(2-ethylhexyl)phthalate	371000	U
117-84-0	Di-n-octylphthalate	371000	U
205-99-2	Benzo(b)fluoranthene	371000	U
207-08-9	Benzo(k)fluoranthene	371000	U
50-32-8	Benzo(a)pyrene	371000	U
193-39-5	Indeno(1,2,3-cd)pyrene	371000	U
53-70-3	Dibenz(a,h)anthracene	371000	U
191-24-2	Benzo(g,h,i)perylene	371000	U

QC Summary

060907 900

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3375BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 247916 Lab File ID: 3375BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 0431

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3375BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 247916 Lab File ID: 3375BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 0431

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3375BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 247916 Lab File ID: 3375BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 0431

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3375LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	40000	40500	101.0		30.0	48 - 115
Aniline	40000	36100	90.2		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	44000	110.0 *		30.0	61 - 105
Phenol	40000	43000	108.0 *		23.0	46 - 100
2-Chlorophenol	40000	40500	101.0		24.0	54 - 105
1,3-Dichlorobenzene	40000	44500	111.0 *		26.0	67 - 100
1,4-Dichlorobenzene	40000	42700	107.0 *		27.0	62 - 105
1,2-Dichlorobenzene	40000	43400	108.0 *		30.0	65 - 95
Benzyl alcohol	40000	34600	86.5		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	45400	114.0		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	40800	102.0		30.0	58 - 105
Hexachloroethane	40000	44700	112.0 *		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	40500	101.0		28.0	59 - 115
4-Methylphenol	40000	41500	104.0		26.0	57 - 105
Nitrobenzene	40000	45100	113.0		27.0	71 - 115
Isophorone	40000	44400	111.0 *		30.0	69 - 110
2-Nitrophenol	40000	37000	92.5		20.0	61 - 110
2,4-Dimethylphenol	40000	41200	103.0		30.0	65 - 105
Benzoic acid	80000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	35800	89.5		30.0	70 - 110
2,4-Dichlorophenol	40000	38900	97.2		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	43900	110.0		29.0	71 - 110
Naphthalene	40000	43000	108.0 *		23.0	67 - 105
4-Chloroaniline	40000	33000	82.5		30.0	57 - 95
2-Methylnaphthalene	40000	44500	111.0 *		22.0	72 - 105
Hexachlorobutadiene	40000	44200	110.0		27.0	79 - 115
4-Chloro-3-methylphenol	40000	39200	98.0		30.0	62 - 115
1-Methylnaphthalene	40000	46100	115.0		25.0	67 - 145
Hexachlorocyclopentadiene	40000	29600	74.0		44.0	34 - 139
2,4,6-Trichlorophenol	40000	38100	95.2		30.0	62 - 110
2,4,5-Trichlorophenol	40000	38600	96.5		29.0	61 - 110
2-Chloronaphthalene	40000	43400	108.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 900

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3375LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	33400	83.5		23.0	71 - 120
Acenaphthylene	40000	41900	105.0		21.0	66 - 105
Dimethyl-phthalate	40000	41800	104.0		30.0	69 - 110
2,6-Dinitrotoluene	40000	38400	96.0		30.0	73 - 110
Acenaphthene	40000	41600	104.0		28.0	65 - 110
3-Nitroaniline	40000	33400	83.5		30.0	76 - 110
2,4-Dinitrophenol	80000	35100	43.9		30.0	29 - 130
Dibenzofuran	40000	43300	108.0 *		28.0	75 - 105
2,4-Dinitrotoluene	40000	41500	104.0		29.0	77 - 115
4-Nitrophenol	40000	28600	71.5		30.0	52 - 140
Fluorene	40000	41700	104.0		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	42800	107.0		30.0	65 - 110
Diethylphthalate	40000	41000	102.0		28.0	68 - 115
4-Nitroaniline	40000	34100	85.2		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	29600	74.0		28.0	34 - 135
N-Nitrosodiphenylamine	40000	44100	110.0		23.0	77 - 115
4-Bromophenyl-phenylether	40000	40900	102.0		30.0	59 - 115
Hexachlorobenzene	40000	43200	108.0		28.0	77 - 120
Pentachlorophenol	40000	26200	65.5		30.0	36 - 120
Phenanthrene	40000	41700	104.0		25.0	67 - 110
Anthracene	40000	41600	104.0		19.0	67 - 105
Di-n-butylphthalate	40000	36700	91.8		29.0	67 - 110
Fluoranthene	40000	42200	106.0		21.0	74 - 115
Pyrene	40000	41800	104.0		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	24200	60.5 *		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	53800	134.0 *		30.0	41 - 130
Benzo(a)anthracene	40000	39000	97.5		29.0	67 - 110
Chrysene	40000	43200	108.0		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	22300	55.8 *		30.0	65 - 125
Di-n-octylphthalate	40000	18300	45.8 *		30.0	64 - 130
Benzo(b)fluoranthene	40000	36200	90.5		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 900

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3375LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	41500	104.0		28.0	53 - 125
Benzo(a)pyrene	40000	37000	92.5		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	29300	73.2		30.0	40 - 120
Dibenz(a,h)anthracene	40000	27600	69.0		30.0	40 - 125
Benzo(g,h,i)perylene	40000	31000	77.5		23.0	41 - 125

Spike Recovery: 17 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 900

Form III

GC/ECD PCB ORGANICS

METHOD 8082

060907 939

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507472

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 374LCS was analyzed with the soil samples extracted on 08/29/07. The following analyte(s) were recovered above criteria: Aroclor-1260 at 141 % with criteria of (60-125).

Since all recoveries were above QC limits and none of those compounds were found in the associated samples, it can be assured that had the compounds been present in the samples they would have been detected and no further action was taken.

Samples coded accordingly.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507472

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.
Sample NPP-T-7 required a 1:10 dilution due to sample matrix interference with the analysis.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 08/31/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Method: 8082

EPA Sample No	Lab Sample ID
NPP-T-4	250747201
NPP-T-5	250747202
NPP-T-7	250747203

060907 901

Sample Data

060907 901

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 472-1.D

Sample wt/vol: 1.18 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 0947

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	380	U
11096-82-5	Aroclor-1260	380	U
11104-28-2	Aroclor-1221	380	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 472-2.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1021

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 472-3D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1206

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4100	U
11096-82-5	Aroclor-1260	4100	U
11104-28-2	Aroclor-1221	4100	U
11141-16-5	Aroclor-1232	4100	U
53469-21-9	Aroclor-1242	4100	U
12672-29-6	Aroclor-1248	4100	U
11097-69-1	Aroclor-1254	4100	U

QC Summary

060907 901

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 374BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 247912 Lab File ID: 374BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 0840

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

374LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	13200	132.0		21.0	40 - 140
Aroclor-1260	10000	14100	141.0 *		32.0	60 - 125

Spike Recovery: 1 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

060907 901

Form III

Inorganics

060907 901

Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

060907 901

Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

060907 901

METALS DATA PACKAGE
TOTALS

060907 901

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507472

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507472

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

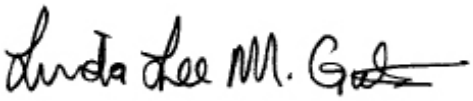
F. Samples:

Sample analysis proceeded normally.

Sample NPP-T-4 required a 1:10 dilution due to high concentration of the following analyte(s): Sodium.
Sample NPP-T-4 required a 1:10 dilution due to matrix interference with the following analyte(s): Thallium.

Sample NPP-T-5 required a 1:5 dilution due to high concentration of the following analyte(s): Antimony.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **09/04/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507472

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met. No action required. The following ICB/CCB(s) had element concentrations below the RL:

ICB247951 was analyzed on 08/30/07 09:53. The following analyte(s) were detected below RL: Mercury at -0.037 ug/L.
CCB247954 was analyzed on 08/30/07 09:58. The following analyte(s) were detected below RL: Mercury at -0.026 ug/L.
CCB247958 was analyzed on 08/30/07 10:20. The following analyte(s) were detected below RL: Mercury at -0.0395 ug/L.
CCB247960 was analyzed on 08/30/07 10:42. The following analyte(s) were detected below RL: Mercury at -0.0482 ug/L.
CCB247962 was analyzed on 08/30/07 10:59. The following analyte(s) were detected below RL: Mercury at -0.0454 ug/L.

2. Method Blanks:

All acceptance criteria were met.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507472

Client: T N & Associates, Inc.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

3. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Serial Dilution:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gates

SIGNED: **DATE: 08/30/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507472

SOW No.:

EPA Sample No	Lab Sample ID
NPP-T-4	250747201
NPP-T-4DL1	250747201DL1
NPP-T-5	250747202
NPP-T-5DL1	250747202DL1
NPP-T-7	250747203

Were ICP interelement corrections applied?	Yes/No	Yes
Were ICP background corrections applied?	Yes/No	Yes
If yes - were raw data generated before application of background corrections?	Yes/No	No

Comments:

060907 901

Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	29.7			P
7440-36-0	Antimony	431			P
7440-38-2	Arsenic	14.5			P
7440-39-3	Barium	0.159	U		P
7440-41-7	Beryllium	0.159	U		P
7440-43-9	Cadmium	0.0498	U		P
7440-70-2	Calcium	42.5			P
7440-47-3	Chromium	2.15			P
7440-48-4	Cobalt	0.0498	U		P
7440-50-8	Copper	19.6			P
7439-89-6	Iron	584			P
7439-92-1	Lead	4.7			P
7439-95-4	Magnesium	2.99	U		P
7439-96-5	Manganese	2.64			P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	2.52			P
7440-09-7	Potassium	338			P
7782-49-2	Selenium	0.58	B		P
7440-22-4	Silver	0.159	U		P
7440-62-2	Vanadium	1.82			P
7440-66-6	Zinc	58			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-4DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201DL1

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	147000			P
7440-28-0	Thallium	3.29	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

060907 901

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.99	B		P
7440-38-2	Arsenic	5.37			P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0486	U		P
7440-70-2	Calcium	44.2			P
7440-47-3	Chromium	0.864			P
7440-48-4	Cobalt	0.125	B		P
7440-50-8	Copper	0.195	B		P
7439-89-6	Iron	542			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	5.31	B		P
7439-96-5	Manganese	21			P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.437	B		P
7440-09-7	Potassium	746			P
7782-49-2	Selenium	1.53			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	8360			P
7440-28-0	Thallium	0.321	U		P
7440-62-2	Vanadium	0.156	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

060907 901

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	1.44			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-5DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202DL1

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-36-0	Antimony	618			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	1.62			P
7440-38-2	Arsenic	0.489	U		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0489	U		P
7440-70-2	Calcium	7.54	B		P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0489	U		P
7440-50-8	Copper	6.48			P
7439-89-6	Iron	434			P
7439-92-1	Lead	0.333	U		P
7439-95-4	Magnesium	2.94	U		P
7439-96-5	Manganese	0.195	B		P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	12.1	B		P
7782-49-2	Selenium	0.769	B		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	14.4	B		P
7440-28-0	Thallium	0.323	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	11.8			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

060907 901

QC Summary

060907 901

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DUPLICATES

EPA Sample No.

247926LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	4860		4660		4.2		P
Antimony	20	50.1		47.8		4.7		P
Arsenic	20	47.5		45.6		4.1		P
Barium	20	144		138		4.3		P
Beryllium	20	50.1		47.9		4.5		P
Cadmium	20	48.4		46.4		4.2		P
Calcium	20	4810		4610		4.2		P
Chromium	20	49.8		47.7		4.3		P
Cobalt	20	48.9		47		4.0		P
Copper	20	49.4		47.8		3.3		P
Iron	20	5060		4860		4.0		P
Lead	20	49.6		47.3		4.7		P
Magnesium	20	4580		4350		5.2		P
Manganese	20	50.1		48		4.3		P
Nickel	20	48.3		46.4		4.0		P
Potassium	20	4680		4510		3.7		P
Selenium	20	48.4		46.4		4.2		P
Silver	20	20		19.2		4.1		P
Sodium	20	4870		4690		3.8		P
Thallium	20	46.8		44.2		5.7		P
Vanadium	20	51.4		49.3		4.2		P
Zinc	20	48.1		46.4		3.6		P

Comments:

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DUPLICATES

EPA Sample No.

247940LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.323		0.328		1.5		CV

Comments:

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247925LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	%R
Aluminum				5000	4860		80 - 120	97.2
Antimony				50	50.1		80 - 120	100.2
Arsenic				50	47.5		80 - 120	95.0
Barium				150	144		80 - 120	96.0
Beryllium				50	50.1		80 - 120	100.2
Cadmium				50	48.4		80 - 120	96.8
Calcium				5000	4810		80 - 120	96.2
Chromium				50	49.8		80 - 120	99.6
Cobalt				50	48.9		80 - 120	97.8
Copper				50	49.4		80 - 120	98.8
Iron				5000	5060		80 - 120	101.2
Lead				50	49.6		80 - 120	99.2
Magnesium				5000	4580		80 - 120	91.6
Manganese				50	50.1		80 - 120	100.2
Nickel				50	48.3		80 - 120	96.6
Potassium				5000	4680		80 - 120	93.6
Selenium				50	48.4		80 - 120	96.8
Silver				20	20		80 - 120	100.0
Sodium				5000	4870		80 - 120	97.4
Thallium				50	46.8		80 - 120	93.6
Vanadium				50	51.4		80 - 120	102.8
Zinc				50	48.1		80 - 120	96.2

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LABORATORY CONTROL SAMPLE

EPA Sample No.

247926LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	4660		80 - 120	93.2
Antimony				50	47.8		80 - 120	95.6
Arsenic				50	45.6		80 - 120	91.2
Barium				150	138		80 - 120	92.0
Beryllium				50	47.9		80 - 120	95.8
Cadmium				50	46.4		80 - 120	92.8
Calcium				5000	4610		80 - 120	92.2
Chromium				50	47.7		80 - 120	95.4
Cobalt				50	47		80 - 120	94.0
Copper				50	47.8		80 - 120	95.6
Iron				5000	4860		80 - 120	97.2
Lead				50	47.3		80 - 120	94.6
Magnesium				5000	4350		80 - 120	87.0
Manganese				50	48		80 - 120	96.0
Nickel				50	46.4		80 - 120	92.8
Potassium				5000	4510		80 - 120	90.2
Selenium				50	46.4		80 - 120	92.8
Silver				20	19.2		80 - 120	96.0
Sodium				5000	4690		80 - 120	93.8
Thallium				50	44.2		80 - 120	88.4
Vanadium				50	49.3		80 - 120	98.6
Zinc				50	46.4		80 - 120	92.8

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247940LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.323		80	120	107.7

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

247940LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Solid LCS Source: MET-60901

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.328		80	120	109.3

060907 901

Chain of Custody Documentation

060907 901

Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507472 FC

Company: TN & A

Project Name/Number: NPP - 2005148 1084

Address: 1220 KENNESTONE Circle MARIETTA GA

Project Manager: L. VON OLDENBURG

Phone: 678-355-5550 Fax: 678 355 5345

Purchase Order:

Page of

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Print Names(s) / Affiliation: L. VON OLDENBURG

Sampler(s) Signature(s):

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)				Analyses Requested				REQUESTED DUE DATE / / Remarks	Lab. No.
							Z	I	I	I	8260	8270	8015	8000		
1	NPP - T-4	8-25-7	09:25	G	O	3	X	X	X	X					WASTE	01
2	NPP - T-5	8-25-7	10:05	G	O	3	X	X	X	X					↓	02
3	NPP - T-7	8-25-7	09:05	G	O	3	X	X	X	X					↓	03

Shipment Method: 9 ← Total Number of Containers

2507472

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		[signature] PEL	08/17/07	1100	[signature]	8/22/7	1030
Additional Comments: Less Only			[signature]	8/25/7	6pm	[signature] (18:00)	8/29/07	1000
SDD TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
2 @ 4°C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

98

FedEx Express **US Airbill**

FedEx Tracking Number 8532 0829 9702

Recipient's Copy

1 From

Date 8/28/07

Sender's Name TN A Phone 678 355-5[illegible]

Company [illegible]

Address 122 [illegible] Circle Dept/Floor/Suite/Room

City [illegible] State GA ZIP 30066

2 Your Internal Billing Reference 2007[illegible] 1089

3 To

Recipient's Name Phone

Company PSL Log[illegible]

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Address 4420 [illegible] RD

To request a package be held at a specific FedEx location, print FedEx address here.

City Tampa State FL ZIP 336[illegible]

8532 0829 9702

4a Express Package Service *Packages up to 150 lbs.* * To most locations

- [x] FedEx Priority Overnight — Next business morning*
- [ ] FedEx Standard Overnight — Next business afternoon*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations*
- [ ] FedEx 2Day — Second business day*
- [ ] FedEx Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation:

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	53.50	$ 100.00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

Questions? Visit our Web site at fedex.com or call 1.800.GoFedEx 1.800.463.3339.

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fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx. US Airbill
Express

FedEx Tracking Number 8592 9213 7294

0200 **Recipient's Copy**

1 From

Date 8/28/07

Sender's Name _____ Phone 678 355-3550

Company TN & ASSOCIATES

Address 1220 HANI SUM CIR Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066

2 Your Internal Billing Reference 2005148 1189

3 To

Recipient's Name _____ Phone _____

Company PEL - CABS

Recipient's Address 4420 DENSON PORT DR Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33619

8592 9213 7294

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [x] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	50	$ 100.00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

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fedex.com 1.800.GoFedEx 1.800.463.3339

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507472	**Req:**	83921
Client:	TN&A	**Project:**	National Petroleum Packers (WASTE
Level:	2	**Date Rec'd:**	8/29/07 10:00:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	08/31/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	RUSH
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507472 **Profile Name:** Nat'l Petro. **Profile #:** 83921

MATRIX S

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 03	7470	Mercury		BMD	~~8/29/07~~	1625
01 - 03	7470	Mercury	N/A		8/29/07	
01 - 03	6010	Metals		BMD	~~8/29/07~~	1625
01 - 03	6010	Metals	N/A		8/29/07	
01 - 03	8260	Volatile Organic Compounds		MSJ	8/31/07	11:30
01 - 03	8260	Volatile Organic Compounds		consum		
01 - 03	8270	GCMS semivolatile		EC	8/29/07	1300
01 - 03	8270	GCMS semivolatile	EC		8/29/07	1800
01 - 03	8082	PCB		EC	8/29/07	1300
01 - 03	8082	PCB	EC		8/29/07	1800

le BMD 082907

Additional:

Comments:

Addendum

060907 901

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/29/07 10:00:00 AM

Date to be Reported: 9/19/07

Laboratory Submission Number/SDG: 2507472

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507472

Project: National Petroleum Packers

Samples: The submission consisted of 3 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

None.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 2

Total of: 30 analyses on 18 samples (including QC) *30-Aug-07*

Report/SDG #: 2507472

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
082907BLKA22	082907BLKA22		SQ	8/29/07 9:13:00 AM	8/29/07 9:13:00 AM

Method		
8260	Volatile Organic Compounds	8260

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
082907LCSA22	082907LCSA22		SQ	8/29/07 8:19:00 AM	8/29/07 8:19:00 AM

Method		
8260	Volatile Organic Compounds	8260

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
083007BLKA22	083007BLKA22		SQ	8/30/07 9:05:00 AM	8/30/07 9:05:00 AM

Method		
8260	Volatile Organic Compounds	8260

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
083007LCSA22	083007LCSA22		SQ	8/30/07 7:45:00 AM	8/30/07 7:45:00 AM

Method		
8260	Volatile Organic Compounds	8260

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
083007LCSA22D	083007LCSA22D		SQ	8/30/07 8:12:00 AM	8/30/07 8:12:00 AM

Method		
8260	Volatile Organic Compounds	8260

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
247939BLK	247939		SQ	8/29/07 4:25:22 PM	8/29/07 4:25:22 PM

Method		
7470	Mercury	7470

Report/SDG #: 2507472

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
247940LCS	247940		SQ	8/29/07 4:25:22 PM	8/29/07 4:25:22 PM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
247940LCSD	247941		SQ	8/29/07 4:25:22 PM	8/29/07 4:25:22 PM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD165MS	247942		SQ	8/25/07 10:20:00 AM	8/28/07 10:30:00 AM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD165SD	247943		SQ	8/25/07 10:20:00 AM	8/28/07 10:30:00 AM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD165	250746801		S	8/25/07 10:20:00 AM	8/28/07 10:30:00 AM

Method		
7470	Mercury	7470

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
250747003	250747003		S	8/30/07 9:32:00 AM	8/30/07 9:32:00 AM

Method		
8260	Volatile Organic Compounds	8260

Report/SDG #: 2507472

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
250747003MS	250747003MS		SQ	8/30/07 1:35:00 PM	8/30/07 1:35:00 PM

Method		
8260	Volatile Organic Compounds	8260

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
250747003SD	250747003SD		SQ	8/30/07 2:03:00 PM	8/30/07 2:03:00 PM

Method		
8260	Volatile Organic Compounds	8260

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T-4	250747201		O	8/25/07 9:25:00 AM	8/29/07 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T-4RE1	250747201RE1		O	8/25/07 9:25:00 AM	8/29/07 10:00:00 AM

Method		
8260	Volatile Organic Compounds	8260

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T-5	250747202		O	8/25/07 10:05:00 AM	8/29/07 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507472

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPP-T-7	250747203		O	8/25/07 9:05:00 AM	8/29/07 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

From: Darcy Weisman
Sent: Thursday, August 30, 2007 9:44 PM
To: 'Lou Von Oldenburg'
Cc: Russell Henderson (RHenderson@tnainc.com)
Subject: National Petroleum Packers / SDG 2507472 / rush results

Good evening. Attached are the results for the 8260 and 7470.

Please note that my extension number has changed to ext. 3.

Darcy Weisman
Project Manager
PEL Laboratories, Inc.
phone: 813-247-2805 ext. 3
fax: 813-248-1537 or 813-247-3627
email: dweisman@pelab.com
Visit our website at www.pelab.com

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DRAFT

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 47201.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1411

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	840	U
74-87-3	Chloromethane	840	U
75-01-4	Vinyl chloride	840	U
74-83-9	Bromomethane	840	U
75-00-3	Chloroethane	2100	U
75-69-4	Trichlorofluoromethane	840	U
75-35-4	1,1-Dichloroethene	840	U
107-02-8	Acrolein	10500	U
74-88-4	Methyl iodide	840	U
75-15-0	Carbon disulfide	840	U
75-09-2	Methylene chloride	2100	U
156-60-5	trans-1,2-Dichloroethene	840	U
107-13-1	Acrylonitrile	2100	U
75-34-3	1,1-Dichloroethane	840	U
67-64-1	Acetone	4200	U
594-20-7	2,2-Dichloropropane	840	U
156-59-2	cis-1,2-Dichloroethene	840	U
74-97-5	Bromochloromethane	840	U
78-93-3	2-Butanone	4200	U
67-66-3	Chloroform	840	U
71-55-6	1,1,1-Trichloroethane	840	U
56-23-5	Carbon tetrachloride	840	U
563-58-6	1,1-Dichloropropene	840	U
71-43-2	Benzene	840	U
107-06-2	1,2-Dichloroethane	840	U
79-01-6	Trichloroethene	840	U
108-05-4	Vinyl acetate	1680	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 47201.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1411

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	840	U
74-95-3	Dibromomethane	840	U
75-27-4	Bromodichloromethane	840	U
10061-01-5	cis-1,3-Dichloropropene	840	U
108-10-1	4-Methyl-2-pentanone	1680	U
108-88-3	Toluene	840	U
10061-02-6	trans-1,3-Dichloropropene	840	U
79-00-5	1,1,2-Trichloroethane	840	U
127-18-4	Tetrachloroethene	2100	U
142-28-9	1,3-Dichloropropane	840	U
591-78-6	2-Hexanone	1680	U
124-48-1	Dibromochloromethane	840	U
106-93-4	1,2-Dibromoethane(EDB)	840	U
108-90-7	Chlorobenzene	840	U
630-20-6	1,1,1,2-Tetrachloroethane	840	U
100-41-4	Ethylbenzene	840	U
511-39-00	p,m-Xylene	6900	
95-47-6	o-Xylene	840	U
100-42-5	Styrene	840	U
75-25-2	Bromoform	2100	U
98-82-8	Isopropylbenzene (Cumene)	840	U
108-86-1	Bromobenzene	840	U
79-34-5	1,1,2,2-Tetrachloroethane	840	U
96-18-4	1,2,3-Trichloropropane	840	U
103-65-1	n-Propylbenzene	840	U
95-49-8	2-Chlorotoluene	840	U
106-43-4	4-Chlorotoluene	840	U

DRAFT

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 47201.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1411

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	840	U
98-06-6	tert-Butylbenzene	840	U
95-63-6	1,2,4-Trimethylbenzene	840	U
135-98-8	sec-Butylbenzene	840	U
541-73-1	1,3-Dichlorobenzene	840	U
106-46-7	1,4-Dichlorobenzene	840	U
99-87-6	4-Isopropyltoluene	840	U
104-51-8	n-Butylbenzene	840	U
95-50-1	1,2-Dichlorobenzene	840	U
96-12-8	1,2-Dibromo-3-chloropropane	4200	U
120-82-1	1,2,4-Trichlorobenzene	840	U
87-68-3	Hexachlorobutadiene	1260	U
91-20-3	Naphthalene	840	U
87-61-6	1,2,3-Trichlorobenzene	840	U
1634-04-4	MTBE	840	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-4RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201RE1 Lab File ID: 47201R.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1052

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	840	U
74-87-3	Chloromethane	840	U
75-01-4	Vinyl chloride	840	U
74-83-9	Bromomethane	840	U
75-00-3	Chloroethane	2100	U
75-69-4	Trichlorofluoromethane	840	U
75-35-4	1,1-Dichloroethene	840	U
107-02-8	Acrolein	10500	U
74-88-4	Methyl iodide	840	U
75-15-0	Carbon disulfide	840	U
75-09-2	Methylene chloride	2100	U
156-60-5	trans-1,2-Dichloroethene	840	U
107-13-1	Acrylonitrile	2100	U
75-34-3	1,1-Dichloroethane	840	U
67-64-1	Acetone	4200	U
594-20-7	2,2-Dichloropropane	840	U
156-59-2	cis-1,2-Dichloroethene	840	U
74-97-5	Bromochloromethane	840	U
78-93-3	2-Butanone	4200	U
67-66-3	Chloroform	840	U
71-55-6	1,1,1-Trichloroethane	840	U
56-23-5	Carbon tetrachloride	840	U
563-58-6	1,1-Dichloropropene	840	U
71-43-2	Benzene	840	U
107-06-2	1,2-Dichloroethane	840	U
79-01-6	Trichloroethene	840	U
108-05-4	Vinyl acetate	1680	U

DRAFT

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201RE1 Lab File ID: 47201R.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1052

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	840	U
74-95-3	Dibromomethane	840	U
75-27-4	Bromodichloromethane	840	U
10061-01-5	cis-1,3-Dichloropropene	840	U
108-10-1	4-Methyl-2-pentanone	1680	U
108-88-3	Toluene	840	U
10061-02-6	trans-1,3-Dichloropropene	840	U
79-00-5	1,1,2-Trichloroethane	840	U
127-18-4	Tetrachloroethene	2100	U
142-28-9	1,3-Dichloropropane	840	U
591-78-6	2-Hexanone	1680	U
124-48-1	Dibromochloromethane	840	U
106-93-4	1,2-Dibromoethane(EDB)	840	U
108-90-7	Chlorobenzene	840	U
630-20-6	1,1,1,2-Tetrachloroethane	840	U
100-41-4	Ethylbenzene	840	U
511-39-00	p,m-Xylene	9090	
95-47-6	o-Xylene	840	U
100-42-5	Styrene	840	U
75-25-2	Bromoform	2100	U
98-82-8	Isopropylbenzene (Cumene)	840	U
108-86-1	Bromobenzene	840	U
79-34-5	1,1,2,2-Tetrachloroethane	840	U
96-18-4	1,2,3-Trichloropropane	840	U
103-65-1	n-Propylbenzene	840	U
95-49-8	2-Chlorotoluene	840	U
106-43-4	4-Chlorotoluene	840	U

300807 2139

Form I

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1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4RE1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201RE1 Lab File ID: 47201R.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/30/07 Time: 1052

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	840	U
98-06-6	tert-Butylbenzene	840	U
95-63-6	1,2,4-Trimethylbenzene	840	U
135-98-8	sec-Butylbenzene	840	U
541-73-1	1,3-Dichlorobenzene	840	U
106-46-7	1,4-Dichlorobenzene	840	U
99-87-6	4-Isopropyltoluene	840	U
104-51-8	n-Butylbenzene	840	U
95-50-1	1,2-Dichlorobenzene	840	U
96-12-8	1,2-Dibromo-3-chloropropane	4200	U
120-82-1	1,2,4-Trichlorobenzene	840	U
87-68-3	Hexachlorobutadiene	1260	U
91-20-3	Naphthalene	840	U
87-61-6	1,2,3-Trichlorobenzene	840	U
1634-04-4	MTBE	840	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 47202.D

Sample wt/vol: 1.65 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1344

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	606	U
74-87-3	Chloromethane	606	U
75-01-4	Vinyl chloride	606	U
74-83-9	Bromomethane	606	U
75-00-3	Chloroethane	1520	U
75-69-4	Trichlorofluoromethane	606	U
75-35-4	1,1-Dichloroethene	606	U
107-02-8	Acrolein	7580	U
74-88-4	Methyl iodide	606	U
75-15-0	Carbon disulfide	606	U
75-09-2	Methylene chloride	1520	U
156-60-5	trans-1,2-Dichloroethene	606	U
107-13-1	Acrylonitrile	1520	U
75-34-3	1,1-Dichloroethane	606	U
67-64-1	Acetone	3030	U
594-20-7	2,2-Dichloropropane	606	U
156-59-2	cis-1,2-Dichloroethene	606	U
74-97-5	Bromochloromethane	606	U
78-93-3	2-Butanone	3030	U
67-66-3	Chloroform	606	U
71-55-6	1,1,1-Trichloroethane	606	U
56-23-5	Carbon tetrachloride	606	U
563-58-6	1,1-Dichloropropene	606	U
71-43-2	Benzene	606	U
107-06-2	1,2-Dichloroethane	606	U
79-01-6	Trichloroethene	606	U
108-05-4	Vinyl acetate	1210	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 47202.D

Sample wt/vol: 1.65 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1344

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	606	U
74-95-3	Dibromomethane	606	U
75-27-4	Bromodichloromethane	606	U
10061-01-5	cis-1,3-Dichloropropene	606	U
108-10-1	4-Methyl-2-pentanone	1210	U
108-88-3	Toluene	606	U
10061-02-6	trans-1,3-Dichloropropene	606	U
79-00-5	1,1,2-Trichloroethane	606	U
127-18-4	Tetrachloroethene	1520	U
142-28-9	1,3-Dichloropropane	606	U
591-78-6	2-Hexanone	1210	U
124-48-1	Dibromochloromethane	606	U
106-93-4	1,2-Dibromoethane(EDB)	606	U
108-90-7	Chlorobenzene	606	U
630-20-6	1,1,1,2-Tetrachloroethane	606	U
100-41-4	Ethylbenzene	606	U
511-39-00	p,m-Xylene	1210	U
95-47-6	o-Xylene	606	U
100-42-5	Styrene	606	U
75-25-2	Bromoform	1520	U
98-82-8	Isopropylbenzene (Cumene)	606	U
108-86-1	Bromobenzene	606	U
79-34-5	1,1,2,2-Tetrachloroethane	606	U
96-18-4	1,2,3-Trichloropropane	606	U
103-65-1	n-Propylbenzene	606	U
95-49-8	2-Chlorotoluene	606	U
106-43-4	4-Chlorotoluene	606	U

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1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 47202.D

Sample wt/vol: 1.65 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1344

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	606	U
98-06-6	tert-Butylbenzene	606	U
95-63-6	1,2,4-Trimethylbenzene	606	U
135-98-8	sec-Butylbenzene	606	U
541-73-1	1,3-Dichlorobenzene	606	U
106-46-7	1,4-Dichlorobenzene	606	U
99-87-6	4-Isopropyltoluene	606	U
104-51-8	n-Butylbenzene	606	U
95-50-1	1,2-Dichlorobenzene	606	U
96-12-8	1,2-Dibromo-3-chloropropane	3030	U
120-82-1	1,2,4-Trichlorobenzene	606	U
87-68-3	Hexachlorobutadiene	909	U
91-20-3	Naphthalene	606	U
87-61-6	1,2,3-Trichlorobenzene	606	U
1634-04-4	MTBE	606	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203.D

Sample wt/vol: 0.98 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1439

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1020	U
74-87-3	Chloromethane	1020	U
75-01-4	Vinyl chloride	1020	U
74-83-9	Bromomethane	1020	U
75-00-3	Chloroethane	2550	U
75-69-4	Trichlorofluoromethane	1020	U
75-35-4	1,1-Dichloroethene	1020	U
107-02-8	Acrolein	12800	U
74-88-4	Methyl iodide	1020	U
75-15-0	Carbon disulfide	1020	U
75-09-2	Methylene chloride	2550	U
156-60-5	trans-1,2-Dichloroethene	1020	U
107-13-1	Acrylonitrile	2550	U
75-34-3	1,1-Dichloroethane	1020	U
67-64-1	Acetone	5100	U
594-20-7	2,2-Dichloropropane	1020	U
156-59-2	cis-1,2-Dichloroethene	1020	U
74-97-5	Bromochloromethane	1020	U
78-93-3	2-Butanone	5100	U
67-66-3	Chloroform	1020	U
71-55-6	1,1,1-Trichloroethane	1020	U
56-23-5	Carbon tetrachloride	1020	U
563-58-6	1,1-Dichloropropene	1020	U
71-43-2	Benzene	1020	U
107-06-2	1,2-Dichloroethane	1020	U
79-01-6	Trichloroethene	1020	U
108-05-4	Vinyl acetate	2040	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203.D

Sample wt/vol: 0.98 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1439

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1020	U
74-95-3	Dibromomethane	1020	U
75-27-4	Bromodichloromethane	1020	U
10061-01-5	cis-1,3-Dichloropropene	1020	U
108-10-1	4-Methyl-2-pentanone	788	J
108-88-3	Toluene	7490	
10061-02-6	trans-1,3-Dichloropropene	1020	U
79-00-5	1,1,2-Trichloroethane	1020	U
127-18-4	Tetrachloroethene	2550	U
142-28-9	1,3-Dichloropropane	1020	U
591-78-6	2-Hexanone	2040	U
124-48-1	Dibromochloromethane	1020	U
106-93-4	1,2-Dibromoethane(EDB)	1020	U
108-90-7	Chlorobenzene	1020	U
630-20-6	1,1,1,2-Tetrachloroethane	1020	U
100-41-4	Ethylbenzene	2810	
511-39-00	p,m-Xylene	11200	
95-47-6	o-Xylene	4630	
100-42-5	Styrene	1020	U
75-25-2	Bromoform	2550	U
98-82-8	Isopropylbenzene (Cumene)	1020	U
108-86-1	Bromobenzene	1020	U
79-34-5	1,1,2,2-Tetrachloroethane	1020	U
96-18-4	1,2,3-Trichloropropane	1020	U
103-65-1	n-Propylbenzene	206	J
95-49-8	2-Chlorotoluene	1020	U
106-43-4	4-Chlorotoluene	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203.D

Sample wt/vol: 0.98 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 08/29/07 Time: 1439

PercentSolids: 100 decanted : Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1250	
98-06-6	tert-Butylbenzene	1020	U
95-63-6	1,2,4-Trimethylbenzene	3770	
135-98-8	sec-Butylbenzene	1020	U
541-73-1	1,3-Dichlorobenzene	1020	U
106-46-7	1,4-Dichlorobenzene	1020	U
99-87-6	4-Isopropyltoluene	217	J
104-51-8	n-Butylbenzene	1120	
95-50-1	1,2-Dichlorobenzene	1020	U
96-12-8	1,2-Dibromo-3-chloropropane	5100	U
120-82-1	1,2,4-Trichlorobenzene	1020	U
87-68-3	Hexachlorobutadiene	1530	U
91-20-3	Naphthalene	27300	
87-61-6	1,2,3-Trichlorobenzene	1020	U
1634-04-4	MTBE	1020	U

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U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-97-6	Mercury	0.0021	U		CV

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

300807 2139

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U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-97-6	Mercury	0.0021	U		CV

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

300807 2139

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U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7439-97-6	Mercury	0.0021	U		CV

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

300807 2139

Darcy Weisman

From: Darcy Weisman
Sent: Friday, August 31, 2007 7:56 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: 2507472 TN&A National Petroleum Packers / 8082 / High recoveries

Good morning.

-----Original Message-----
From: Brian Spann
Sent: Friday, August 31, 2007 7:41 AM
To: Project Managers; Steven Pruskin
Subject: FW: 2507472 TN&A National Petroleum Packers / 8082 / High recoveries

We are reporting as is unless directed otherwise.
Also remember that the QC limits are based upon extraction not waste dilutions.

BCS
-----Original Message-----
From: Steven Pruskin
Sent: Friday, August 31, 2007 7:37 AM
To: Brian Spann
Subject: 2507472 TN&A National Petroleum Packers / 8082 / High recoveries

The LCS and the non-client requested MS/SD set had recoveries above QC limits.

LCS - AR1260 - 141% (60-125) (MEL 49.2-135.8)

MS - AR1016 - 144% (46-116)
AR 1260 - 160% (12-123)

MSD - AR1016 - 143% (46-116)
AR1260 - 161% (12-123)

Also the surrogates are out for the MS and MSD both 147% (33-140)

These are the rush samples, due out today.

There were no hits in the samples.

These were waste dilutions, the control limits were for soils.

All other QC was good.

Darcy Weisman

From: Darcy Weisman
Sent: Friday, August 31, 2007 3:27 PM
To: 'Lou Von Oldenburg'; Russell Henderson (RHenderson@tnainc.com)
Subject: FW: 2507472 TN&A National Petroleum Packers / 8270

Good afternoon.

-----Original Message-----
From: Brian Spann
Sent: Friday, August 31, 2007 2:29 PM
To: Steven Pruskin
Cc: Project Managers
Subject: RE: 2507472 TN&A National Petroleum Packers / 8270

report

-----Original Message-----
From: Steven Pruskin
Sent: Friday, August 31, 2007 2:29 PM
To: Brian Spann
Subject: 2507472 TN&A National Petroleum Packers / 8270

Sample NPP-T-4 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0 % with criteria of (19-122), 2-Fluorophenol at 0 % with criteria of (25-121), Phenol-d5 at 2.8 % with criteria of (24-113) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 132 % with criteria of (30-115), Nitrobenzene-d5 at 131 % with criteria of (23-120), p-Terphenyl-d14 at 139 % with criteria of (18-137).

Sample NPP-T-5 was recovered above criteria for the following surrogate(s): 2,4,6-Tribromophenol at 125 % with criteria of (19-122), 2-Fluorobiphenyl at 124 % with criteria of (30-115).

Sample NPP-T-7 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 123 % with criteria of (30-115), Nitrobenzene-d5 at 130 % with criteria of (23-120), Phenol-d5 at 115 % with criteria of (24-113), p-Terphenyl-d14 at 142 % with criteria of (18-137).

The most probable reason for these surrogate failures is the sample matrix.

All acceptance criteria were met with the exception of:
LCS 3375LCS was analyzed with the soil samples extracted on 08/29/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106), bis(2-ethylhexyl)phthalate at 55.8 % with criteria of (65-125), Butylbenzylphthalate at 60.5 % with criteria of (66-125), Di-n-octylphthalate at 45.8 % with criteria of (64-130). and the following analyte(s) were recovered above criteria: 1,2-Dichlorobenzene at 108 % with criteria of (65-95), 1,3-Dichlorobenzene at 111 % with criteria of (67-100), 1,4-Dichlorobenzene at 107 % with criteria of (62-105), 2-Chloronaphthalene at 108 % with criteria of (72-105), 2-Methylnaphthalene at 111 % with criteria of (72-105), 3,3'-Dichlorobenzidine at 134 % with criteria of (41-130), Bis(2-Chloroethyl)ether at 110 % with criteria of (61-105), Dibenzofuran at 108 % with criteria of (75-105), Hexachloroethane at 112 % with criteria of (65-110), Isophorone at 111 % with

criteria of (69-110), Naphthalene at 108 % with criteria of (67-105), Phenol at 108 % with criteria of (46-100). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 108 % with criteria of (60-100), 1,3-Dichlorobenzene at 111 % with criteria of (61.5-105.5), 2-Methylnaphthalene at 111 % with criteria of (66.5-110.5), Di-n-octylphthalate at 45.8 % with criteria of (53-141).

The most probable reason for these LCS failures is that the criteria are for soil extraction and this is waste dilution.

These are the rush samples that are due today.

SW-846 protocol.

There were also many failures in the non-client requested MS/MSD set, also most likely due to the sample matrix.

Darcy Weisman

From: Darcy Weisman
Sent: Friday, August 31, 2007 3:31 PM
To: 'Lou Von Oldenburg'; Russell Henderson (RHenderson@tnainc.com)
Subject: FW: 2507472 - 8082
Importance: High

Good afternoon.

-----Original Message-----
From: Brian Spann
Sent: Friday, August 31, 2007 1:32 PM
To: Project Managers
Subject: 2507472 - 8082
Importance: High

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 374LCS was analyzed with the soil samples extracted on 08/29/07. The following analyte(s) were recovered above criteria: Aroclor-1260 at 141 % with criteria of (60-125).

Since all recoveries were above QC limits and none of those compounds were found in the associated samples, it can be assured that had the compounds been present in the samples they would have been detected and no further action was taken.

Samples coded accordingly

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Darcy Weisman

From: Darcy Weisman
Sent: Friday, August 31, 2007 3:36 PM
To: Darcy Weisman; 'Lou Von Oldenburg'
Cc: Russell Henderson (RHenderson@tnainc.com)
Subject: RE: National Petroleum Packers / SDG 2507472 / rush results

Attached are the results for the 8270 and 8082. My records how the only thing left is the 6010 (beginning of next week).

-----Original Message-----
From: Darcy Weisman
Sent: Thursday, August 30, 2007 9:44 PM
To: 'Lou Von Oldenburg'
Cc: Russell Henderson (RHenderson@tnainc.com)
Subject: National Petroleum Packers / SDG 2507472 / rush results

Good evening. Attached are the results for the 8260 and 7470.

Please note that my extension number has changed to ext. 3.

Darcy Weisman
Project Manager
PEL Laboratories, Inc.
phone: 813-247-2805 ext. 3
fax: 813-248-1537 or 813-247-3627
email: dweisman@pelab.com
Visit our website at www.pelab.com

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 472-1.D

Sample wt/vol: 1.18 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 0947

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	380	U
11096-82-5	Aroclor-1260	380	U
11104-28-2	Aroclor-1221	380	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 472-2.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1021

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 472-3D10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/30/07 Time: 1206

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4100	U
11096-82-5	Aroclor-1260	4100	U
11104-28-2	Aroclor-1221	4100	U
11141-16-5	Aroclor-1232	4100	U
53469-21-9	Aroclor-1242	4100	U
12672-29-6	Aroclor-1248	4100	U
11097-69-1	Aroclor-1254	4100	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 472-01.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 0940

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	35800	U
62-53-3	Aniline	35800	U
111-44-4	Bis(2-Chloroethyl)ether	35800	U
108-95-2	Phenol	179000	U
95-57-8	2-Chlorophenol	35800	U
541-73-1	1,3-Dichlorobenzene	35800	U
106-46-7	1,4-Dichlorobenzene	35800	U
95-50-1	1,2-Dichlorobenzene	35800	U
100-51-6	Benzyl alcohol	89300	U
108-60-1	2,2-Oxybis(1-chloropropane)	36200	U
95-48-7	2-Methylphenol (o-Cresol)	35800	U
67-72-1	Hexachloroethane	36200	U
621-64-7	N-Nitroso-di-n-propylamine	35800	U
106-44-5	4-Methylphenol	35800	U
98-95-3	Nitrobenzene	35800	U
78-59-1	Isophorone	35800	U
88-75-5	2-Nitrophenol	35800	U
105-67-9	2,4-Dimethylphenol	35800	U
65-85-0	Benzoic acid	179000	U
111-91-1	Bis(2-Chloroethoxy)methane	35800	U
120-83-2	2,4-Dichlorophenol	35800	U
120-82-1	1,2,4-Trichlorobenzene	35800	U
91-20-3	Naphthalene	35800	U
106-47-8	4-Chloroaniline	35800	U
91-57-6	2-Methylnaphthalene	35800	U
87-68-3	Hexachlorobutadiene	35800	U
59-50-7	4-Chloro-3-methylphenol	35800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 472-01.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 0940

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	35800	U
77-47-4	Hexachlorocyclopentadiene	89300	U
88-06-2	2,4,6-Trichlorophenol	35800	U
95-95-4	2,4,5-Trichlorophenol	35800	U
91-58-7	2-Chloronaphthalene	36200	U
88-74-4	2-Nitroaniline	35800	U
208-96-8	Acenaphthylene	35800	U
131-11-3	Dimethyl-phthalate	35800	U
606-20-2	2,6-Dinitrotoluene	35800	U
83-32-9	Acenaphthene	35800	U
99-09-2	3-Nitroaniline	35800	U
51-28-5	2,4-Dinitrophenol	179000	U
132-64-9	Dibenzofuran	35800	U
121-14-2	2,4-Dinitrotoluene	35800	U
100-02-7	4-Nitrophenol	89300	U
86-73-7	Fluorene	35800	U
7005-72-3	4-Chlorophenyl-phenylether	35800	U
84-66-2	Diethylphthalate	35800	U
100-01-6	4-Nitroaniline	35800	U
534-52-1	2-Methyl-4,6-dinitrophenol	179000	U
86-30-6	N-Nitrosodiphenylamine	35800	U
101-55-3	4-Bromophenyl-phenylether	35800	U
118-74-1	Hexachlorobenzene	35800	U
87-86-5	Pentachlorophenol	179000	U
85-01-8	Phenanthrene	35800	U
120-12-7	Anthracene	35800	U
84-74-2	Di-n-butylphthalate	35800	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-4

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747201 Lab File ID: 472-01.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 0940

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	35800	U
129-00-0	Pyrene	35800	U
92-87-5	Benzidine	89700	U
85-68-7	Butylbenzylphthalate	35800	U
91-94-1	3,3'-Dichlorobenzidine	35800	U
56-55-3	Benzo(a)anthracene	35800	U
218-01-9	Chrysene	35800	U
117-81-7	bis(2-ethylhexyl)phthalate	35800	U
117-84-0	Di-n-octylphthalate	35800	U
205-99-2	Benzo(b)fluoranthene	35800	U
207-08-9	Benzo(k)fluoranthene	35800	U
50-32-8	Benzo(a)pyrene	35800	U
193-39-5	Indeno(1,2,3-cd)pyrene	35800	U
53-70-3	Dibenz(a,h)anthracene	35800	U
191-24-2	Benzo(g,h,i)perylene	35800	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 472-02.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1012

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	35800	U
62-53-3	Aniline	35800	U
111-44-4	Bis(2-Chloroethyl)ether	35800	U
108-95-2	Phenol	137000	J
95-57-8	2-Chlorophenol	35800	U
541-73-1	1,3-Dichlorobenzene	35800	U
106-46-7	1,4-Dichlorobenzene	35800	U
95-50-1	1,2-Dichlorobenzene	35800	U
100-51-6	Benzyl alcohol	89300	U
108-60-1	2,2-Oxybis(1-chloropropane)	36200	U
95-48-7	2-Methylphenol (o-Cresol)	35800	U
67-72-1	Hexachloroethane	36200	U
621-64-7	N-Nitroso-di-n-propylamine	35800	U
106-44-5	4-Methylphenol	35800	U
98-95-3	Nitrobenzene	35800	U
78-59-1	Isophorone	35800	U
88-75-5	2-Nitrophenol	35800	U
105-67-9	2,4-Dimethylphenol	35800	U
65-85-0	Benzoic acid	179000	U
111-91-1	Bis(2-Chloroethoxy)methane	35800	U
120-83-2	2,4-Dichlorophenol	35800	U
120-82-1	1,2,4-Trichlorobenzene	35800	U
91-20-3	Naphthalene	35800	U
106-47-8	4-Chloroaniline	35800	U
91-57-6	2-Methylnaphthalene	35800	U
87-68-3	Hexachlorobutadiene	35800	U
59-50-7	4-Chloro-3-methylphenol	35800	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 472-02.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1012

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	35800	U
77-47-4	Hexachlorocyclopentadiene	89300	U
88-06-2	2,4,6-Trichlorophenol	35800	U
95-95-4	2,4,5-Trichlorophenol	35800	U
91-58-7	2-Chloronaphthalene	36200	U
88-74-4	2-Nitroaniline	35800	U
208-96-8	Acenaphthylene	35800	U
131-11-3	Dimethyl-phthalate	35800	U
606-20-2	2,6-Dinitrotoluene	35800	U
83-32-9	Acenaphthene	35800	U
99-09-2	3-Nitroaniline	35800	U
51-28-5	2,4-Dinitrophenol	179000	U
132-64-9	Dibenzofuran	35800	U
121-14-2	2,4-Dinitrotoluene	35800	U
100-02-7	4-Nitrophenol	89300	U
86-73-7	Fluorene	35800	U
7005-72-3	4-Chlorophenyl-phenylether	35800	U
84-66-2	Diethylphthalate	35800	U
100-01-6	4-Nitroaniline	35800	U
534-52-1	2-Methyl-4,6-dinitrophenol	179000	U
86-30-6	N-Nitrosodiphenylamine	35800	U
101-55-3	4-Bromophenyl-phenylether	35800	U
118-74-1	Hexachlorobenzene	35800	U
87-86-5	Pentachlorophenol	179000	U
85-01-8	Phenanthrene	35800	U
120-12-7	Anthracene	35800	U
84-74-2	Di-n-butylphthalate	35800	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-5

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747202 Lab File ID: 472-02.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1012

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	35800	U
129-00-0	Pyrene	35800	U
92-87-5	Benzidine	89700	U
85-68-7	Butylbenzylphthalate	35800	U
91-94-1	3,3'-Dichlorobenzidine	35800	U
56-55-3	Benzo(a)anthracene	35800	U
218-01-9	Chrysene	35800	U
117-81-7	bis(2-ethylhexyl)phthalate	35800	U
117-84-0	Di-n-octylphthalate	35800	U
205-99-2	Benzo(b)fluoranthene	35800	U
207-08-9	Benzo(k)fluoranthene	35800	U
50-32-8	Benzo(a)pyrene	35800	U
193-39-5	Indeno(1,2,3-cd)pyrene	35800	U
53-70-3	Dibenz(a,h)anthracene	35800	U
191-24-2	Benzo(g,h,i)perylene	35800	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203D10.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1325

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	371000	U
62-53-3	Aniline	371000	U
111-44-4	Bis(2-Chloroethyl)ether	371000	U
108-95-2	Phenol	1850000	U
95-57-8	2-Chlorophenol	371000	U
541-73-1	1,3-Dichlorobenzene	371000	U
106-46-7	1,4-Dichlorobenzene	371000	U
95-50-1	1,2-Dichlorobenzene	371000	U
100-51-6	Benzyl alcohol	926000	U
108-60-1	2,2-Oxybis(1-chloropropane)	375000	U
95-48-7	2-Methylphenol (o-Cresol)	371000	U
67-72-1	Hexachloroethane	375000	U
621-64-7	N-Nitroso-di-n-propylamine	371000	U
106-44-5	4-Methylphenol	371000	U
98-95-3	Nitrobenzene	371000	U
78-59-1	Isophorone	371000	U
88-75-5	2-Nitrophenol	371000	U
105-67-9	2,4-Dimethylphenol	371000	U
65-85-0	Benzoic acid	1850000	U
111-91-1	Bis(2-Chloroethoxy)methane	371000	U
120-83-2	2,4-Dichlorophenol	371000	U
120-82-1	1,2,4-Trichlorobenzene	371000	U
91-20-3	Naphthalene	62700	J
106-47-8	4-Chloroaniline	371000	U
91-57-6	2-Methylnaphthalene	252000	J
87-68-3	Hexachlorobutadiene	371000	U
59-50-7	4-Chloro-3-methylphenol	371000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203D10.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1325

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	162000	J
77-47-4	Hexachlorocyclopentadiene	926000	U
88-06-2	2,4,6-Trichlorophenol	371000	U
95-95-4	2,4,5-Trichlorophenol	371000	U
91-58-7	2-Chloronaphthalene	375000	U
88-74-4	2-Nitroaniline	371000	U
208-96-8	Acenaphthylene	371000	U
131-11-3	Dimethyl-phthalate	371000	U
606-20-2	2,6-Dinitrotoluene	371000	U
83-32-9	Acenaphthene	371000	U
99-09-2	3-Nitroaniline	371000	U
51-28-5	2,4-Dinitrophenol	1860000	U
132-64-9	Dibenzofuran	371000	U
121-14-2	2,4-Dinitrotoluene	371000	U
100-02-7	4-Nitrophenol	926000	U
86-73-7	Fluorene	371000	U
7005-72-3	4-Chlorophenyl-phenylether	371000	U
84-66-2	Diethylphthalate	371000	U
100-01-6	4-Nitroaniline	371000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1850000	U
86-30-6	N-Nitrosodiphenylamine	371000	U
101-55-3	4-Bromophenyl-phenylether	371000	U
118-74-1	Hexachlorobenzene	371000	U
87-86-5	Pentachlorophenol	1850000	U
85-01-8	Phenanthrene	371000	U
120-12-7	Anthracene	371000	U
84-74-2	Di-n-butylphthalate	371000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPP-T-7

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507472

Matrix: SOIL Lab Sample ID: 250747203 Lab File ID: 47203D10.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/29/07

Level:(low/med) LOW Date Analyzed: 08/31/07 Time: 1325

PercentSolids: 100 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	371000	U
129-00-0	Pyrene	371000	U
92-87-5	Benzidine	930000	U
85-68-7	Butylbenzylphthalate	371000	U
91-94-1	3,3'-Dichlorobenzidine	371000	U
56-55-3	Benzo(a)anthracene	371000	U
218-01-9	Chrysene	371000	U
117-81-7	bis(2-ethylhexyl)phthalate	371000	U
117-84-0	Di-n-octylphthalate	371000	U
205-99-2	Benzo(b)fluoranthene	371000	U
207-08-9	Benzo(k)fluoranthene	371000	U
50-32-8	Benzo(a)pyrene	371000	U
193-39-5	Indeno(1,2,3-cd)pyrene	371000	U
53-70-3	Dibenz(a,h)anthracene	371000	U
191-24-2	Benzo(g,h,i)perylene	371000	U

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/29/2007 10:00:00 AM
Date Reported:	9/17/2007
Laboratory Submission Number/SDG:	2507473
Project:	National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are f the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative o the qualities of apparently identical or similar materials

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EXECUTIVE SUMMARY - Detection Highlights

2507473

SAMPLE ID: NPPD278

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	4.68	1.85	MG/KG	SW6010B
Cadmium	0.155 B	0.924	MG/KG	SW6010B
Iron	128	9.24	MG/KG	SW6010B
Manganese	1.21	0.924	MG/KG	SW6010B
Potassium	90.3 B	92.4	MG/KG	SW6010B

SAMPLE ID: NPPD278DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	282000	554	MG/KG	SW6010B

SAMPLE ID: NPPD279

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	10.4	9.63	MG/KG	SW6010B
Iron	15.3	4.82	MG/KG	SW6010B
Zinc	1.91	0.963	MG/KG	SW6010B

SAMPLE ID: NPPD280

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.361 B	0.967	MG/KG	SW6010B
Calcium	4.04 B	9.67	MG/KG	SW6010B
Iron	0.706 B	4.84	MG/KG	SW6010B
Potassium	446	48.4	MG/KG	SW6010B
Sodium	434	29	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507473

SAMPLE ID: NPPD282

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Copper	0.179 B	0.472	MG/KG	SW6010B
Iron	219	4.72	MG/KG	SW6010B
Manganese	0.72	0.472	MG/KG	SW6010B
Potassium	614	47.2	MG/KG	SW6010B
Sodium	662	28.3	MG/KG	SW6010B
Zinc	2.95	0.943	MG/KG	SW6010B
Acetone	3860	2790	UG/KG	SW8260B

SAMPLE ID: NPPD43

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	2.81 B	9.78	MG/KG	SW6010B
Antimony	20.6	0.978	MG/KG	SW6010B
Barium	0.348 B	0.489	MG/KG	SW6010B
Cadmium	0.139 B	0.489	MG/KG	SW6010B
Calcium	737	9.78	MG/KG	SW6010B
Copper	0.468 B	0.489	MG/KG	SW6010B
Iron	264	4.89	MG/KG	SW6010B
Magnesium	31.7	9.78	MG/KG	SW6010B
Manganese	0.95	0.489	MG/KG	SW6010B
Potassium	803	48.9	MG/KG	SW6010B
Selenium	0.774 B	0.978	MG/KG	SW6010B
Sodium	638	29.4	MG/KG	SW6010B
Zinc	98.5	0.978	MG/KG	SW6010B
Naphthalene	612	538	UG/KG	SW8260B

SAMPLE ID: NPPD44

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	2 B	4.75	MG/KG	SW6010B
Potassium	9.7 B	47.5	MG/KG	SW6010B
Selenium	2.57	0.95	MG/KG	SW6010B
Sodium	20.6 B	28.5	MG/KG	SW6010B
1,2,4-Trimethylbenzene	447 J	877	UG/KG	SW8260B
Toluene	670 J	877	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPPD45

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Barium	1.16	0.468	MG/KG	SW6010B
Calcium	25.4	9.36	MG/KG	SW6010B
Chromium	2.17	0.468	MG/KG	SW6010B
Copper	0.262 B	0.468	MG/KG	SW6010B
Iron	12.8	4.68	MG/KG	SW6010B
Lead	0.409 B	0.637	MG/KG	SW6010B
Magnesium	3.76 B	9.36	MG/KG	SW6010B
Manganese	0.248 B	0.468	MG/KG	SW6010B
Nickel	1.25	0.468	MG/KG	SW6010B
Potassium	147	46.8	MG/KG	SW6010B
Selenium	0.74 B	0.936	MG/KG	SW6010B
Zinc	4.43	0.936	MG/KG	SW6010B

SAMPLE ID: NPPD45DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Sodium	131000	281	MG/KG	SW6010B

SAMPLE ID: NPPD47

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Copper	0.191 B	0.484	MG/KG	SW6010B

SAMPLE ID: NPPD48

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	0.323 B	0.973	MG/KG	SW6010B
Barium	0.17 B	0.486	MG/KG	SW6010B
Calcium	6 B	9.73	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507473

Iron	127	4.86	MG/KG	SW6010B
Manganese	4.55	0.486	MG/KG	SW6010B
Sodium	12.2 B	29.2	MG/KG	SW6010B

SAMPLE ID: NPPD49

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	9.74	9.62	MG/KG	SW6010B
Iron	14.8	4.81	MG/KG	SW6010B
Magnesium	9.01 B	9.62	MG/KG	SW6010B
Manganese	1.05	0.481	MG/KG	SW6010B
Potassium	22.4 B	48.1	MG/KG	SW6010B
Sodium	859	28.8	MG/KG	SW6010B
Zinc	0.444 B	0.962	MG/KG	SW6010B

SAMPLE ID: NPPD50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	5.32 B	9.52	MG/KG	SW6010B
Calcium	3.61 B	9.52	MG/KG	SW6010B
Iron	41.1	4.76	MG/KG	SW6010B
Lead	0.766	0.648	MG/KG	SW6010B

SAMPLE ID: NPPD51

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	5.63 B	9.06	MG/KG	SW6010B
Antimony	0.65 B	0.906	MG/KG	SW6010B
Barium	0.409 B	0.453	MG/KG	SW6010B
Calcium	7.64 B	9.06	MG/KG	SW6010B
Copper	0.236 B	0.453	MG/KG	SW6010B
Iron	10.1	4.53	MG/KG	SW6010B
Potassium	15 B	45.3	MG/KG	SW6010B
Sodium	17 B	27.2	MG/KG	SW6010B
Zinc	1.84	0.906	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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SAMPLE ID: NPPD52

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	3.89 B	9.49	MG/KG	SW6010B
Copper	1.12	0.474	MG/KG	SW6010B
Iron	2.84 B	4.74	MG/KG	SW6010B
Potassium	5 B	47.4	MG/KG	SW6010B
Sodium	26.2 B	28.5	MG/KG	SW6010B

SAMPLE ID: NPPD53

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	4.02 B	9.5	MG/KG	SW6010B
Potassium	5.3 B	47.5	MG/KG	SW6010B
Sodium	1270	28.5	MG/KG	SW6010B

SAMPLE ID: NPPD54

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	4.92 B	9.98	MG/KG	SW6010B
Copper	0.181 B	0.499	MG/KG	SW6010B
Potassium	9.5 B	49.9	MG/KG	SW6010B
Sodium	2300	29.9	MG/KG	SW6010B
Mercury	0.0646	0.02	MG/KG	SW7470A

SAMPLE ID: NPPD55

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	3.29 B	9.28	MG/KG	SW6010B
Calcium	6.53 B	9.28	MG/KG	SW6010B
Copper	4.58	0.464	MG/KG	SW6010B
Iron	8.36	4.64	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

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Lead	0.587 B	0.631	MG/KG	SW6010B
Sodium	30.6	27.8	MG/KG	SW6010B

SAMPLE ID: NPPD69

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	6.68 B	9.67	MG/KG	SW6010B
Antimony	5.82	0.967	MG/KG	SW6010B
Barium	350	0.484	MG/KG	SW6010B
Calcium	128	9.67	MG/KG	SW6010B
Chromium	0.312 B	0.484	MG/KG	SW6010B
Cobalt	0.244 B	0.484	MG/KG	SW6010B
Copper	6.94	0.484	MG/KG	SW6010B
Iron	59.8	4.84	MG/KG	SW6010B
Lead	0.408 B	0.658	MG/KG	SW6010B
Magnesium	60.9	9.67	MG/KG	SW6010B
Manganese	1.17	0.484	MG/KG	SW6010B
Potassium	132	48.4	MG/KG	SW6010B
Selenium	0.613 B	0.967	MG/KG	SW6010B
Sodium	325	29	MG/KG	SW6010B
Zinc	55.1	0.967	MG/KG	SW6010B
Naphthalene	192 J	360	UG/KG	SW8260B

SAMPLE ID: NPPD70

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	485	4.84	MG/KG	SW6010B
Manganese	5.21	0.484	MG/KG	SW6010B

Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample NPPD278 was recovered below criteria for Dibromofluoromethane at 0 % with criteria of (68-119).

Sample NPPD45 was recovered below criteria for Dibromofluoromethane at 3.8 % with criteria of (68-119).

No further action was taken, since the three other surrogates met acceptance criteria. It appears that there is a matrix effect that decreases the response of DBFM, which has been noted in previous SDGs from this project. Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/10/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Method: 8260

EPA Sample No	Lab Sample ID
NPPD279	250747301
NPPD280	250747302
NPPD278	250747303
NPPD45	250747304
NPPD44	250747305
NPPD43	250747306
NPPD54	250747307
NPPD53	250747308
NPPD51	250747309
NPPD49	250747310
NPPD52	250747311
NPPD50	250747312
NPPD48	250747313
NPPD47	250747314
NPPD55	250747315
NPPD282	250747316
NPPD69	250747317
NPPD70	250747318

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD279

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747301 Lab File ID: 47301M.D

Sample wt/vol: 1.84 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 2351

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	543	U
74-87-3	Chloromethane	543	U
75-01-4	Vinyl chloride	543	U
74-83-9	Bromomethane	543	U
75-00-3	Chloroethane	1360	U
75-69-4	Trichlorofluoromethane	543	U
75-35-4	1,1-Dichloroethene	543	U
107-02-8	Acrolein	6790	U
74-88-4	Methyl iodide	543	U
75-15-0	Carbon disulfide	543	U
75-09-2	Methylene chloride	1360	U
156-60-5	trans-1,2-Dichloroethene	543	U
107-13-1	Acrylonitrile	1360	U
75-34-3	1,1-Dichloroethane	543	U
67-64-1	Acetone	2720	U
594-20-7	2,2-Dichloropropane	543	U
156-59-2	cis-1,2-Dichloroethene	543	U
74-97-5	Bromochloromethane	543	U
78-93-3	2-Butanone	2720	U
67-66-3	Chloroform	543	U
71-55-6	1,1,1-Trichloroethane	543	U
56-23-5	Carbon tetrachloride	543	U
563-58-6	1,1-Dichloropropene	543	U
71-43-2	Benzene	543	U
107-06-2	1,2-Dichloroethane	543	U
79-01-6	Trichloroethene	543	U
108-05-4	Vinyl acetate	1090	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD279

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747301 Lab File ID: 47301M.D

Sample wt/vol: 1.84 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 2351

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	543	U
74-95-3	Dibromomethane	543	U
75-27-4	Bromodichloromethane	543	U
10061-01-5	cis-1,3-Dichloropropene	543	U
108-10-1	4-Methyl-2-pentanone	1090	U
108-88-3	Toluene	543	U
10061-02-6	trans-1,3-Dichloropropene	543	U
79-00-5	1,1,2-Trichloroethane	543	U
127-18-4	Tetrachloroethene	1360	U
142-28-9	1,3-Dichloropropane	543	U
591-78-6	2-Hexanone	1090	U
124-48-1	Dibromochloromethane	543	U
106-93-4	1,2-Dibromoethane(EDB)	543	U
108-90-7	Chlorobenzene	543	U
630-20-6	1,1,1,2-Tetrachloroethane	543	U
100-41-4	Ethylbenzene	543	U
511-39-00	p,m-Xylene	1090	U
95-47-6	o-Xylene	543	U
100-42-5	Styrene	543	U
75-25-2	Bromoform	1360	U
98-82-8	Isopropylbenzene (Cumene)	543	U
108-86-1	Bromobenzene	543	U
79-34-5	1,1,2,2-Tetrachloroethane	543	U
96-18-4	1,2,3-Trichloropropane	543	U
103-65-1	n-Propylbenzene	543	U
95-49-8	2-Chlorotoluene	543	U
106-43-4	4-Chlorotoluene	543	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD279

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747301 Lab File ID: 47301M.D

Sample wt/vol: 1.84 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 2351

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	543	U
98-06-6	tert-Butylbenzene	543	U
95-63-6	1,2,4-Trimethylbenzene	543	U
135-98-8	sec-Butylbenzene	543	U
541-73-1	1,3-Dichlorobenzene	543	U
106-46-7	1,4-Dichlorobenzene	543	U
99-87-6	4-Isopropyltoluene	543	U
104-51-8	n-Butylbenzene	543	U
95-50-1	1,2-Dichlorobenzene	543	U
96-12-8	1,2-Dibromo-3-chloropropane	2720	U
120-82-1	1,2,4-Trichlorobenzene	543	U
87-68-3	Hexachlorobutadiene	815	U
91-20-3	Naphthalene	543	U
87-61-6	1,2,3-Trichlorobenzene	543	U
1634-04-4	MTBE	543	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD280

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747302 Lab File ID: 47302M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0015

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	513	U
74-87-3	Chloromethane	513	U
75-01-4	Vinyl chloride	513	U
74-83-9	Bromomethane	513	U
75-00-3	Chloroethane	1280	U
75-69-4	Trichlorofluoromethane	513	U
75-35-4	1,1-Dichloroethene	513	U
107-02-8	Acrolein	6410	U
74-88-4	Methyl iodide	513	U
75-15-0	Carbon disulfide	513	U
75-09-2	Methylene chloride	1280	U
156-60-5	trans-1,2-Dichloroethene	513	U
107-13-1	Acrylonitrile	1280	U
75-34-3	1,1-Dichloroethane	513	U
67-64-1	Acetone	2560	U
594-20-7	2,2-Dichloropropane	513	U
156-59-2	cis-1,2-Dichloroethene	513	U
74-97-5	Bromochloromethane	513	U
78-93-3	2-Butanone	2560	U
67-66-3	Chloroform	513	U
71-55-6	1,1,1-Trichloroethane	513	U
56-23-5	Carbon tetrachloride	513	U
563-58-6	1,1-Dichloropropene	513	U
71-43-2	Benzene	513	U
107-06-2	1,2-Dichloroethane	513	U
79-01-6	Trichloroethene	513	U
108-05-4	Vinyl acetate	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD280

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747302 Lab File ID: 47302M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0015

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	513	U
74-95-3	Dibromomethane	513	U
75-27-4	Bromodichloromethane	513	U
10061-01-5	cis-1,3-Dichloropropene	513	U
108-10-1	4-Methyl-2-pentanone	1020	U
108-88-3	Toluene	513	U
10061-02-6	trans-1,3-Dichloropropene	513	U
79-00-5	1,1,2-Trichloroethane	513	U
127-18-4	Tetrachloroethene	1280	U
142-28-9	1,3-Dichloropropane	513	U
591-78-6	2-Hexanone	1020	U
124-48-1	Dibromochloromethane	513	U
106-93-4	1,2-Dibromoethane(EDB)	513	U
108-90-7	Chlorobenzene	513	U
630-20-6	1,1,1,2-Tetrachloroethane	513	U
100-41-4	Ethylbenzene	513	U
511-39-00	p,m-Xylene	1020	U
95-47-6	o-Xylene	513	U
100-42-5	Styrene	513	U
75-25-2	Bromoform	1280	U
98-82-8	Isopropylbenzene (Cumene)	513	U
108-86-1	Bromobenzene	513	U
79-34-5	1,1,2,2-Tetrachloroethane	513	U
96-18-4	1,2,3-Trichloropropane	513	U
103-65-1	n-Propylbenzene	513	U
95-49-8	2-Chlorotoluene	513	U
106-43-4	4-Chlorotoluene	513	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD280

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747302 Lab File ID: 47302M.D

Sample wt/vol: 1.95 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0015

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	513	U
98-06-6	tert-Butylbenzene	513	U
95-63-6	1,2,4-Trimethylbenzene	513	U
135-98-8	sec-Butylbenzene	513	U
541-73-1	1,3-Dichlorobenzene	513	U
106-46-7	1,4-Dichlorobenzene	513	U
99-87-6	4-Isopropyltoluene	513	U
104-51-8	n-Butylbenzene	513	U
95-50-1	1,2-Dichlorobenzene	513	U
96-12-8	1,2-Dibromo-3-chloropropane	2560	U
120-82-1	1,2,4-Trichlorobenzene	513	U
87-68-3	Hexachlorobutadiene	769	U
91-20-3	Naphthalene	513	U
87-61-6	1,2,3-Trichlorobenzene	513	U
1634-04-4	MTBE	513	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD278

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747303 Lab File ID: 47303M.D

Sample wt/vol: 2.15 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0039

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	465	U
74-87-3	Chloromethane	465	U
75-01-4	Vinyl chloride	465	U
74-83-9	Bromomethane	465	U
75-00-3	Chloroethane	1160	U
75-69-4	Trichlorofluoromethane	465	U
75-35-4	1,1-Dichloroethene	465	U
107-02-8	Acrolein	5810	U
74-88-4	Methyl iodide	465	U
75-15-0	Carbon disulfide	465	U
75-09-2	Methylene chloride	1160	U
156-60-5	trans-1,2-Dichloroethene	465	U
107-13-1	Acrylonitrile	1160	U
75-34-3	1,1-Dichloroethane	465	U
67-64-1	Acetone	2320	U
594-20-7	2,2-Dichloropropane	465	U
156-59-2	cis-1,2-Dichloroethene	465	U
74-97-5	Bromochloromethane	465	U
78-93-3	2-Butanone	2320	U
67-66-3	Chloroform	465	U
71-55-6	1,1,1-Trichloroethane	465	U
56-23-5	Carbon tetrachloride	465	U
563-58-6	1,1-Dichloropropene	465	U
71-43-2	Benzene	465	U
107-06-2	1,2-Dichloroethane	465	U
79-01-6	Trichloroethene	465	U
108-05-4	Vinyl acetate	930	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD278

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747303 Lab File ID: 47303M.D

Sample wt/vol: 2.15 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0039

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	465	U
74-95-3	Dibromomethane	465	U
75-27-4	Bromodichloromethane	465	U
10061-01-5	cis-1,3-Dichloropropene	465	U
108-10-1	4-Methyl-2-pentanone	930	U
108-88-3	Toluene	465	U
10061-02-6	trans-1,3-Dichloropropene	465	U
79-00-5	1,1,2-Trichloroethane	465	U
127-18-4	Tetrachloroethene	1160	U
142-28-9	1,3-Dichloropropane	465	U
591-78-6	2-Hexanone	930	U
124-48-1	Dibromochloromethane	465	U
106-93-4	1,2-Dibromoethane(EDB)	465	U
108-90-7	Chlorobenzene	465	U
630-20-6	1,1,1,2-Tetrachloroethane	465	U
100-41-4	Ethylbenzene	465	U
511-39-00	p,m-Xylene	930	U
95-47-6	o-Xylene	465	U
100-42-5	Styrene	465	U
75-25-2	Bromoform	1160	U
98-82-8	Isopropylbenzene (Cumene)	465	U
108-86-1	Bromobenzene	465	U
79-34-5	1,1,2,2-Tetrachloroethane	465	U
96-18-4	1,2,3-Trichloropropane	465	U
103-65-1	n-Propylbenzene	465	U
95-49-8	2-Chlorotoluene	465	U
106-43-4	4-Chlorotoluene	465	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD278

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747303 Lab File ID: 47303M.D

Sample wt/vol: 2.15 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0039

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	465	U
98-06-6	tert-Butylbenzene	465	U
95-63-6	1,2,4-Trimethylbenzene	465	U
135-98-8	sec-Butylbenzene	465	U
541-73-1	1,3-Dichlorobenzene	465	U
106-46-7	1,4-Dichlorobenzene	465	U
99-87-6	4-Isopropyltoluene	465	U
104-51-8	n-Butylbenzene	465	U
95-50-1	1,2-Dichlorobenzene	465	U
96-12-8	1,2-Dibromo-3-chloropropane	2320	U
120-82-1	1,2,4-Trichlorobenzene	465	U
87-68-3	Hexachlorobutadiene	698	U
91-20-3	Naphthalene	465	U
87-61-6	1,2,3-Trichlorobenzene	465	U
1634-04-4	MTBE	465	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD45

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747304 Lab File ID: 47304M.D

Sample wt/vol: 1.82 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0102

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	549	U
74-87-3	Chloromethane	549	U
75-01-4	Vinyl chloride	549	U
74-83-9	Bromomethane	549	U
75-00-3	Chloroethane	1370	U
75-69-4	Trichlorofluoromethane	549	U
75-35-4	1,1-Dichloroethene	549	U
107-02-8	Acrolein	6870	U
74-88-4	Methyl iodide	549	U
75-15-0	Carbon disulfide	549	U
75-09-2	Methylene chloride	1370	U
156-60-5	trans-1,2-Dichloroethene	549	U
107-13-1	Acrylonitrile	1370	U
75-34-3	1,1-Dichloroethane	549	U
67-64-1	Acetone	2750	U
594-20-7	2,2-Dichloropropane	549	U
156-59-2	cis-1,2-Dichloroethene	549	U
74-97-5	Bromochloromethane	549	U
78-93-3	2-Butanone	2750	U
67-66-3	Chloroform	549	U
71-55-6	1,1,1-Trichloroethane	549	U
56-23-5	Carbon tetrachloride	549	U
563-58-6	1,1-Dichloropropene	549	U
71-43-2	Benzene	549	U
107-06-2	1,2-Dichloroethane	549	U
79-01-6	Trichloroethene	549	U
108-05-4	Vinyl acetate	1100	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD45

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747304 Lab File ID: 47304M.D

Sample wt/vol: 1.82 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0102

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	549	U
74-95-3	Dibromomethane	549	U
75-27-4	Bromodichloromethane	549	U
10061-01-5	cis-1,3-Dichloropropene	549	U
108-10-1	4-Methyl-2-pentanone	1100	U
108-88-3	Toluene	549	U
10061-02-6	trans-1,3-Dichloropropene	549	U
79-00-5	1,1,2-Trichloroethane	549	U
127-18-4	Tetrachloroethene	1370	U
142-28-9	1,3-Dichloropropane	549	U
591-78-6	2-Hexanone	1100	U
124-48-1	Dibromochloromethane	549	U
106-93-4	1,2-Dibromoethane(EDB)	549	U
108-90-7	Chlorobenzene	549	U
630-20-6	1,1,1,2-Tetrachloroethane	549	U
100-41-4	Ethylbenzene	549	U
511-39-00	p,m-Xylene	1100	U
95-47-6	o-Xylene	549	U
100-42-5	Styrene	549	U
75-25-2	Bromoform	1370	U
98-82-8	Isopropylbenzene (Cumene)	549	U
108-86-1	Bromobenzene	549	U
79-34-5	1,1,2,2-Tetrachloroethane	549	U
96-18-4	1,2,3-Trichloropropane	549	U
103-65-1	n-Propylbenzene	549	U
95-49-8	2-Chlorotoluene	549	U
106-43-4	4-Chlorotoluene	549	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD45

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747304 Lab File ID: 47304M.D

Sample wt/vol: 1.82 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0102

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	549	U
98-06-6	tert-Butylbenzene	549	U
95-63-6	1,2,4-Trimethylbenzene	549	U
135-98-8	sec-Butylbenzene	549	U
541-73-1	1,3-Dichlorobenzene	549	U
106-46-7	1,4-Dichlorobenzene	549	U
99-87-6	4-Isopropyltoluene	549	U
104-51-8	n-Butylbenzene	549	U
95-50-1	1,2-Dichlorobenzene	549	U
96-12-8	1,2-Dibromo-3-chloropropane	2750	U
120-82-1	1,2,4-Trichlorobenzene	549	U
87-68-3	Hexachlorobutadiene	824	U
91-20-3	Naphthalene	549	U
87-61-6	1,2,3-Trichlorobenzene	549	U
1634-04-4	MTBE	549	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747305 Lab File ID: 47305M.D

Sample wt/vol: 1.14 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0126

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	877	U
74-87-3	Chloromethane	877	U
75-01-4	Vinyl chloride	877	U
74-83-9	Bromomethane	877	U
75-00-3	Chloroethane	2190	U
75-69-4	Trichlorofluoromethane	877	U
75-35-4	1,1-Dichloroethene	877	U
107-02-8	Acrolein	11000	U
74-88-4	Methyl iodide	877	U
75-15-0	Carbon disulfide	877	U
75-09-2	Methylene chloride	2190	U
156-60-5	trans-1,2-Dichloroethene	877	U
107-13-1	Acrylonitrile	2190	U
75-34-3	1,1-Dichloroethane	877	U
67-64-1	Acetone	4380	U
594-20-7	2,2-Dichloropropane	877	U
156-59-2	cis-1,2-Dichloroethene	877	U
74-97-5	Bromochloromethane	877	U
78-93-3	2-Butanone	4380	U
67-66-3	Chloroform	877	U
71-55-6	1,1,1-Trichloroethane	877	U
56-23-5	Carbon tetrachloride	877	U
563-58-6	1,1-Dichloropropene	877	U
71-43-2	Benzene	877	U
107-06-2	1,2-Dichloroethane	877	U
79-01-6	Trichloroethene	877	U
108-05-4	Vinyl acetate	1750	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747305 Lab File ID: 47305M.D

Sample wt/vol: 1.14 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0126

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	877	U
74-95-3	Dibromomethane	877	U
75-27-4	Bromodichloromethane	877	U
10061-01-5	cis-1,3-Dichloropropene	877	U
108-10-1	4-Methyl-2-pentanone	1750	U
108-88-3	Toluene	670	J
10061-02-6	trans-1,3-Dichloropropene	877	U
79-00-5	1,1,2-Trichloroethane	877	U
127-18-4	Tetrachloroethene	2190	U
142-28-9	1,3-Dichloropropane	877	U
591-78-6	2-Hexanone	1750	U
124-48-1	Dibromochloromethane	877	U
106-93-4	1,2-Dibromoethane(EDB)	877	U
108-90-7	Chlorobenzene	877	U
630-20-6	1,1,1,2-Tetrachloroethane	877	U
100-41-4	Ethylbenzene	877	U
511-39-00	p,m-Xylene	1750	U
95-47-6	o-Xylene	877	U
100-42-5	Styrene	877	U
75-25-2	Bromoform	2190	U
98-82-8	Isopropylbenzene (Cumene)	877	U
108-86-1	Bromobenzene	877	U
79-34-5	1,1,2,2-Tetrachloroethane	877	U
96-18-4	1,2,3-Trichloropropane	877	U
103-65-1	n-Propylbenzene	877	U
95-49-8	2-Chlorotoluene	877	U
106-43-4	4-Chlorotoluene	877	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747305 Lab File ID: 47305M.D

Sample wt/vol: 1.14 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0126

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	877	U
98-06-6	tert-Butylbenzene	877	U
95-63-6	1,2,4-Trimethylbenzene	447	J
135-98-8	sec-Butylbenzene	877	U
541-73-1	1,3-Dichlorobenzene	877	U
106-46-7	1,4-Dichlorobenzene	877	U
99-87-6	4-Isopropyltoluene	877	U
104-51-8	n-Butylbenzene	877	U
95-50-1	1,2-Dichlorobenzene	877	U
96-12-8	1,2-Dibromo-3-chloropropane	4380	U
120-82-1	1,2,4-Trichlorobenzene	877	U
87-68-3	Hexachlorobutadiene	1320	U
91-20-3	Naphthalene	877	U
87-61-6	1,2,3-Trichlorobenzene	877	U
1634-04-4	MTBE	877	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD43

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747306 Lab File ID: 47306M.D

Sample wt/vol: 1.86 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0149

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	538	U
74-87-3	Chloromethane	538	U
75-01-4	Vinyl chloride	538	U
74-83-9	Bromomethane	538	U
75-00-3	Chloroethane	1340	U
75-69-4	Trichlorofluoromethane	538	U
75-35-4	1,1-Dichloroethene	538	U
107-02-8	Acrolein	6720	U
74-88-4	Methyl iodide	538	U
75-15-0	Carbon disulfide	538	U
75-09-2	Methylene chloride	1340	U
156-60-5	trans-1,2-Dichloroethene	538	U
107-13-1	Acrylonitrile	1340	U
75-34-3	1,1-Dichloroethane	538	U
67-64-1	Acetone	2690	U
594-20-7	2,2-Dichloropropane	538	U
156-59-2	cis-1,2-Dichloroethene	538	U
74-97-5	Bromochloromethane	538	U
78-93-3	2-Butanone	2690	U
67-66-3	Chloroform	538	U
71-55-6	1,1,1-Trichloroethane	538	U
56-23-5	Carbon tetrachloride	538	U
563-58-6	1,1-Dichloropropene	538	U
71-43-2	Benzene	538	U
107-06-2	1,2-Dichloroethane	538	U
79-01-6	Trichloroethene	538	U
108-05-4	Vinyl acetate	1080	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD43

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747306 Lab File ID: 47306M.D

Sample wt/vol: 1.86 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0149

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	538	U
74-95-3	Dibromomethane	538	U
75-27-4	Bromodichloromethane	538	U
10061-01-5	cis-1,3-Dichloropropene	538	U
108-10-1	4-Methyl-2-pentanone	1080	U
108-88-3	Toluene	538	U
10061-02-6	trans-1,3-Dichloropropene	538	U
79-00-5	1,1,2-Trichloroethane	538	U
127-18-4	Tetrachloroethene	1340	U
142-28-9	1,3-Dichloropropane	538	U
591-78-6	2-Hexanone	1080	U
124-48-1	Dibromochloromethane	538	U
106-93-4	1,2-Dibromoethane(EDB)	538	U
108-90-7	Chlorobenzene	538	U
630-20-6	1,1,1,2-Tetrachloroethane	538	U
100-41-4	Ethylbenzene	538	U
511-39-00	p,m-Xylene	1080	U
95-47-6	o-Xylene	538	U
100-42-5	Styrene	538	U
75-25-2	Bromoform	1340	U
98-82-8	Isopropylbenzene (Cumene)	538	U
108-86-1	Bromobenzene	538	U
79-34-5	1,1,2,2-Tetrachloroethane	538	U
96-18-4	1,2,3-Trichloropropane	538	U
103-65-1	n-Propylbenzene	538	U
95-49-8	2-Chlorotoluene	538	U
106-43-4	4-Chlorotoluene	538	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD43

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747306 Lab File ID: 47306M.D

Sample wt/vol: 1.86 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0149

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	538	U
98-06-6	tert-Butylbenzene	538	U
95-63-6	1,2,4-Trimethylbenzene	538	U
135-98-8	sec-Butylbenzene	538	U
541-73-1	1,3-Dichlorobenzene	538	U
106-46-7	1,4-Dichlorobenzene	538	U
99-87-6	4-Isopropyltoluene	538	U
104-51-8	n-Butylbenzene	538	U
95-50-1	1,2-Dichlorobenzene	538	U
96-12-8	1,2-Dibromo-3-chloropropane	2690	U
120-82-1	1,2,4-Trichlorobenzene	538	U
87-68-3	Hexachlorobutadiene	806	U
91-20-3	Naphthalene	612	
87-61-6	1,2,3-Trichlorobenzene	538	U
1634-04-4	MTBE	538	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD54

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747307 Lab File ID: 47307M.D

Sample wt/vol: 1.84 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0213

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	543	U
74-87-3	Chloromethane	543	U
75-01-4	Vinyl chloride	543	U
74-83-9	Bromomethane	543	U
75-00-3	Chloroethane	1360	U
75-69-4	Trichlorofluoromethane	543	U
75-35-4	1,1-Dichloroethene	543	U
107-02-8	Acrolein	6790	U
74-88-4	Methyl iodide	543	U
75-15-0	Carbon disulfide	543	U
75-09-2	Methylene chloride	1360	U
156-60-5	trans-1,2-Dichloroethene	543	U
107-13-1	Acrylonitrile	1360	U
75-34-3	1,1-Dichloroethane	543	U
67-64-1	Acetone	2720	U
594-20-7	2,2-Dichloropropane	543	U
156-59-2	cis-1,2-Dichloroethene	543	U
74-97-5	Bromochloromethane	543	U
78-93-3	2-Butanone	2720	U
67-66-3	Chloroform	543	U
71-55-6	1,1,1-Trichloroethane	543	U
56-23-5	Carbon tetrachloride	543	U
563-58-6	1,1-Dichloropropene	543	U
71-43-2	Benzene	543	U
107-06-2	1,2-Dichloroethane	543	U
79-01-6	Trichloroethene	543	U
108-05-4	Vinyl acetate	1090	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD54

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747307 Lab File ID: 47307M.D

Sample wt/vol: 1.84 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0213

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	543	U
74-95-3	Dibromomethane	543	U
75-27-4	Bromodichloromethane	543	U
10061-01-5	cis-1,3-Dichloropropene	543	U
108-10-1	4-Methyl-2-pentanone	1090	U
108-88-3	Toluene	543	U
10061-02-6	trans-1,3-Dichloropropene	543	U
79-00-5	1,1,2-Trichloroethane	543	U
127-18-4	Tetrachloroethene	1360	U
142-28-9	1,3-Dichloropropane	543	U
591-78-6	2-Hexanone	1090	U
124-48-1	Dibromochloromethane	543	U
106-93-4	1,2-Dibromoethane(EDB)	543	U
108-90-7	Chlorobenzene	543	U
630-20-6	1,1,1,2-Tetrachloroethane	543	U
100-41-4	Ethylbenzene	543	U
511-39-00	p,m-Xylene	1090	U
95-47-6	o-Xylene	543	U
100-42-5	Styrene	543	U
75-25-2	Bromoform	1360	U
98-82-8	Isopropylbenzene (Cumene)	543	U
108-86-1	Bromobenzene	543	U
79-34-5	1,1,2,2-Tetrachloroethane	543	U
96-18-4	1,2,3-Trichloropropane	543	U
103-65-1	n-Propylbenzene	543	U
95-49-8	2-Chlorotoluene	543	U
106-43-4	4-Chlorotoluene	543	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD54

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747307 Lab File ID: 47307M.D

Sample wt/vol: 1.84 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0213

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	543	U
98-06-6	tert-Butylbenzene	543	U
95-63-6	1,2,4-Trimethylbenzene	543	U
135-98-8	sec-Butylbenzene	543	U
541-73-1	1,3-Dichlorobenzene	543	U
106-46-7	1,4-Dichlorobenzene	543	U
99-87-6	4-Isopropyltoluene	543	U
104-51-8	n-Butylbenzene	543	U
95-50-1	1,2-Dichlorobenzene	543	U
96-12-8	1,2-Dibromo-3-chloropropane	2720	U
120-82-1	1,2,4-Trichlorobenzene	543	U
87-68-3	Hexachlorobutadiene	815	U
91-20-3	Naphthalene	543	U
87-61-6	1,2,3-Trichlorobenzene	543	U
1634-04-4	MTBE	543	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD53

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747308 Lab File ID: 47308M.D

Sample wt/vol: 1.85 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0237

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	540	U
74-87-3	Chloromethane	540	U
75-01-4	Vinyl chloride	540	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	1350	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	540	U
107-02-8	Acrolein	6760	U
74-88-4	Methyl iodide	540	U
75-15-0	Carbon disulfide	540	U
75-09-2	Methylene chloride	1350	U
156-60-5	trans-1,2-Dichloroethene	540	U
107-13-1	Acrylonitrile	1350	U
75-34-3	1,1-Dichloroethane	540	U
67-64-1	Acetone	2700	U
594-20-7	2,2-Dichloropropane	540	U
156-59-2	cis-1,2-Dichloroethene	540	U
74-97-5	Bromochloromethane	540	U
78-93-3	2-Butanone	2700	U
67-66-3	Chloroform	540	U
71-55-6	1,1,1-Trichloroethane	540	U
56-23-5	Carbon tetrachloride	540	U
563-58-6	1,1-Dichloropropene	540	U
71-43-2	Benzene	540	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	540	U
108-05-4	Vinyl acetate	1080	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD53

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747308 Lab File ID: 47308M.D

Sample wt/vol: 1.85 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0237

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	540	U
74-95-3	Dibromomethane	540	U
75-27-4	Bromodichloromethane	540	U
10061-01-5	cis-1,3-Dichloropropene	540	U
108-10-1	4-Methyl-2-pentanone	1080	U
108-88-3	Toluene	540	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	1350	U
142-28-9	1,3-Dichloropropane	540	U
591-78-6	2-Hexanone	1080	U
124-48-1	Dibromochloromethane	540	U
106-93-4	1,2-Dibromoethane(EDB)	540	U
108-90-7	Chlorobenzene	540	U
630-20-6	1,1,1,2-Tetrachloroethane	540	U
100-41-4	Ethylbenzene	540	U
511-39-00	p,m-Xylene	1080	U
95-47-6	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	1350	U
98-82-8	Isopropylbenzene (Cumene)	540	U
108-86-1	Bromobenzene	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U
96-18-4	1,2,3-Trichloropropane	540	U
103-65-1	n-Propylbenzene	540	U
95-49-8	2-Chlorotoluene	540	U
106-43-4	4-Chlorotoluene	540	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD53

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747308 Lab File ID: 47308M.D

Sample wt/vol: 1.85 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0237

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	540	U
98-06-6	tert-Butylbenzene	540	U
95-63-6	1,2,4-Trimethylbenzene	540	U
135-98-8	sec-Butylbenzene	540	U
541-73-1	1,3-Dichlorobenzene	540	U
106-46-7	1,4-Dichlorobenzene	540	U
99-87-6	4-Isopropyltoluene	540	U
104-51-8	n-Butylbenzene	540	U
95-50-1	1,2-Dichlorobenzene	540	U
96-12-8	1,2-Dibromo-3-chloropropane	2700	U
120-82-1	1,2,4-Trichlorobenzene	540	U
87-68-3	Hexachlorobutadiene	811	U
91-20-3	Naphthalene	540	U
87-61-6	1,2,3-Trichlorobenzene	540	U
1634-04-4	MTBE	540	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD51

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747309 Lab File ID: 47309M.D

Sample wt/vol: 1.9 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0300

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	526	U
74-87-3	Chloromethane	526	U
75-01-4	Vinyl chloride	526	U
74-83-9	Bromomethane	526	U
75-00-3	Chloroethane	1320	U
75-69-4	Trichlorofluoromethane	526	U
75-35-4	1,1-Dichloroethene	526	U
107-02-8	Acrolein	6580	U
74-88-4	Methyl iodide	526	U
75-15-0	Carbon disulfide	526	U
75-09-2	Methylene chloride	1320	U
156-60-5	trans-1,2-Dichloroethene	526	U
107-13-1	Acrylonitrile	1320	U
75-34-3	1,1-Dichloroethane	526	U
67-64-1	Acetone	2630	U
594-20-7	2,2-Dichloropropane	526	U
156-59-2	cis-1,2-Dichloroethene	526	U
74-97-5	Bromochloromethane	526	U
78-93-3	2-Butanone	2630	U
67-66-3	Chloroform	526	U
71-55-6	1,1,1-Trichloroethane	526	U
56-23-5	Carbon tetrachloride	526	U
563-58-6	1,1-Dichloropropene	526	U
71-43-2	Benzene	526	U
107-06-2	1,2-Dichloroethane	526	U
79-01-6	Trichloroethene	526	U
108-05-4	Vinyl acetate	1050	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD51

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747309 Lab File ID: 47309M.D

Sample wt/vol: 1.9 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0300

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	526	U
74-95-3	Dibromomethane	526	U
75-27-4	Bromodichloromethane	526	U
10061-01-5	cis-1,3-Dichloropropene	526	U
108-10-1	4-Methyl-2-pentanone	1050	U
108-88-3	Toluene	526	U
10061-02-6	trans-1,3-Dichloropropene	526	U
79-00-5	1,1,2-Trichloroethane	526	U
127-18-4	Tetrachloroethene	1320	U
142-28-9	1,3-Dichloropropane	526	U
591-78-6	2-Hexanone	1050	U
124-48-1	Dibromochloromethane	526	U
106-93-4	1,2-Dibromoethane(EDB)	526	U
108-90-7	Chlorobenzene	526	U
630-20-6	1,1,1,2-Tetrachloroethane	526	U
100-41-4	Ethylbenzene	526	U
511-39-00	p,m-Xylene	1050	U
95-47-6	o-Xylene	526	U
100-42-5	Styrene	526	U
75-25-2	Bromoform	1320	U
98-82-8	Isopropylbenzene (Cumene)	526	U
108-86-1	Bromobenzene	526	U
79-34-5	1,1,2,2-Tetrachloroethane	526	U
96-18-4	1,2,3-Trichloropropane	526	U
103-65-1	n-Propylbenzene	526	U
95-49-8	2-Chlorotoluene	526	U
106-43-4	4-Chlorotoluene	526	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD51

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747309 Lab File ID: 47309M.D

Sample wt/vol: 1.9 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0300

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	526	U
98-06-6	tert-Butylbenzene	526	U
95-63-6	1,2,4-Trimethylbenzene	526	U
135-98-8	sec-Butylbenzene	526	U
541-73-1	1,3-Dichlorobenzene	526	U
106-46-7	1,4-Dichlorobenzene	526	U
99-87-6	4-Isopropyltoluene	526	U
104-51-8	n-Butylbenzene	526	U
95-50-1	1,2-Dichlorobenzene	526	U
96-12-8	1,2-Dibromo-3-chloropropane	2630	U
120-82-1	1,2,4-Trichlorobenzene	526	U
87-68-3	Hexachlorobutadiene	789	U
91-20-3	Naphthalene	526	U
87-61-6	1,2,3-Trichlorobenzene	526	U
1634-04-4	MTBE	526	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD49

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747310 Lab File ID: 47310M.D

Sample wt/vol: 1.88 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0323

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	532	U
74-87-3	Chloromethane	532	U
75-01-4	Vinyl chloride	532	U
74-83-9	Bromomethane	532	U
75-00-3	Chloroethane	1330	U
75-69-4	Trichlorofluoromethane	532	U
75-35-4	1,1-Dichloroethene	532	U
107-02-8	Acrolein	6650	U
74-88-4	Methyl iodide	532	U
75-15-0	Carbon disulfide	532	U
75-09-2	Methylene chloride	1330	U
156-60-5	trans-1,2-Dichloroethene	532	U
107-13-1	Acrylonitrile	1330	U
75-34-3	1,1-Dichloroethane	532	U
67-64-1	Acetone	2660	U
594-20-7	2,2-Dichloropropane	532	U
156-59-2	cis-1,2-Dichloroethene	532	U
74-97-5	Bromochloromethane	532	U
78-93-3	2-Butanone	2660	U
67-66-3	Chloroform	532	U
71-55-6	1,1,1-Trichloroethane	532	U
56-23-5	Carbon tetrachloride	532	U
563-58-6	1,1-Dichloropropene	532	U
71-43-2	Benzene	532	U
107-06-2	1,2-Dichloroethane	532	U
79-01-6	Trichloroethene	532	U
108-05-4	Vinyl acetate	1060	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD49

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747310 Lab File ID: 47310M.D

Sample wt/vol: 1.88 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0323

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	532	U
74-95-3	Dibromomethane	532	U
75-27-4	Bromodichloromethane	532	U
10061-01-5	cis-1,3-Dichloropropene	532	U
108-10-1	4-Methyl-2-pentanone	1060	U
108-88-3	Toluene	532	U
10061-02-6	trans-1,3-Dichloropropene	532	U
79-00-5	1,1,2-Trichloroethane	532	U
127-18-4	Tetrachloroethene	1330	U
142-28-9	1,3-Dichloropropane	532	U
591-78-6	2-Hexanone	1060	U
124-48-1	Dibromochloromethane	532	U
106-93-4	1,2-Dibromoethane(EDB)	532	U
108-90-7	Chlorobenzene	532	U
630-20-6	1,1,1,2-Tetrachloroethane	532	U
100-41-4	Ethylbenzene	532	U
511-39-00	p,m-Xylene	1060	U
95-47-6	o-Xylene	532	U
100-42-5	Styrene	532	U
75-25-2	Bromoform	1330	U
98-82-8	Isopropylbenzene (Cumene)	532	U
108-86-1	Bromobenzene	532	U
79-34-5	1,1,2,2-Tetrachloroethane	532	U
96-18-4	1,2,3-Trichloropropane	532	U
103-65-1	n-Propylbenzene	532	U
95-49-8	2-Chlorotoluene	532	U
106-43-4	4-Chlorotoluene	532	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD49

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747310 Lab File ID: 47310M.D

Sample wt/vol: 1.88 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0323

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	532	U
98-06-6	tert-Butylbenzene	532	U
95-63-6	1,2,4-Trimethylbenzene	532	U
135-98-8	sec-Butylbenzene	532	U
541-73-1	1,3-Dichlorobenzene	532	U
106-46-7	1,4-Dichlorobenzene	532	U
99-87-6	4-Isopropyltoluene	532	U
104-51-8	n-Butylbenzene	532	U
95-50-1	1,2-Dichlorobenzene	532	U
96-12-8	1,2-Dibromo-3-chloropropane	2660	U
120-82-1	1,2,4-Trichlorobenzene	532	U
87-68-3	Hexachlorobutadiene	798	U
91-20-3	Naphthalene	532	U
87-61-6	1,2,3-Trichlorobenzene	532	U
1634-04-4	MTBE	532	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD52

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747311 Lab File ID: 47311M.D

Sample wt/vol: 1.89 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0347

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	529	U
74-87-3	Chloromethane	529	U
75-01-4	Vinyl chloride	529	U
74-83-9	Bromomethane	529	U
75-00-3	Chloroethane	1320	U
75-69-4	Trichlorofluoromethane	529	U
75-35-4	1,1-Dichloroethene	529	U
107-02-8	Acrolein	6610	U
74-88-4	Methyl iodide	529	U
75-15-0	Carbon disulfide	529	U
75-09-2	Methylene chloride	1320	U
156-60-5	trans-1,2-Dichloroethene	529	U
107-13-1	Acrylonitrile	1320	U
75-34-3	1,1-Dichloroethane	529	U
67-64-1	Acetone	2640	U
594-20-7	2,2-Dichloropropane	529	U
156-59-2	cis-1,2-Dichloroethene	529	U
74-97-5	Bromochloromethane	529	U
78-93-3	2-Butanone	2640	U
67-66-3	Chloroform	529	U
71-55-6	1,1,1-Trichloroethane	529	U
56-23-5	Carbon tetrachloride	529	U
563-58-6	1,1-Dichloropropene	529	U
71-43-2	Benzene	529	U
107-06-2	1,2-Dichloroethane	529	U
79-01-6	Trichloroethene	529	U
108-05-4	Vinyl acetate	1060	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD52

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747311 Lab File ID: 47311M.D

Sample wt/vol: 1.89 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0347

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	529	U
74-95-3	Dibromomethane	529	U
75-27-4	Bromodichloromethane	529	U
10061-01-5	cis-1,3-Dichloropropene	529	U
108-10-1	4-Methyl-2-pentanone	1060	U
108-88-3	Toluene	529	U
10061-02-6	trans-1,3-Dichloropropene	529	U
79-00-5	1,1,2-Trichloroethane	529	U
127-18-4	Tetrachloroethene	1320	U
142-28-9	1,3-Dichloropropane	529	U
591-78-6	2-Hexanone	1060	U
124-48-1	Dibromochloromethane	529	U
106-93-4	1,2-Dibromoethane(EDB)	529	U
108-90-7	Chlorobenzene	529	U
630-20-6	1,1,1,2-Tetrachloroethane	529	U
100-41-4	Ethylbenzene	529	U
511-39-00	p,m-Xylene	1060	U
95-47-6	o-Xylene	529	U
100-42-5	Styrene	529	U
75-25-2	Bromoform	1320	U
98-82-8	Isopropylbenzene (Cumene)	529	U
108-86-1	Bromobenzene	529	U
79-34-5	1,1,2,2-Tetrachloroethane	529	U
96-18-4	1,2,3-Trichloropropane	529	U
103-65-1	n-Propylbenzene	529	U
95-49-8	2-Chlorotoluene	529	U
106-43-4	4-Chlorotoluene	529	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD52

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747311 Lab File ID: 47311M.D

Sample wt/vol: 1.89 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0347

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	529	U
98-06-6	tert-Butylbenzene	529	U
95-63-6	1,2,4-Trimethylbenzene	529	U
135-98-8	sec-Butylbenzene	529	U
541-73-1	1,3-Dichlorobenzene	529	U
106-46-7	1,4-Dichlorobenzene	529	U
99-87-6	4-Isopropyltoluene	529	U
104-51-8	n-Butylbenzene	529	U
95-50-1	1,2-Dichlorobenzene	529	U
96-12-8	1,2-Dibromo-3-chloropropane	2640	U
120-82-1	1,2,4-Trichlorobenzene	529	U
87-68-3	Hexachlorobutadiene	794	U
91-20-3	Naphthalene	529	U
87-61-6	1,2,3-Trichlorobenzene	529	U
1634-04-4	MTBE	529	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD50

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747312 Lab File ID: 47312M.D

Sample wt/vol: 1.92 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0410

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	521	U
74-87-3	Chloromethane	521	U
75-01-4	Vinyl chloride	521	U
74-83-9	Bromomethane	521	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	521	U
75-35-4	1,1-Dichloroethene	521	U
107-02-8	Acrolein	6510	U
74-88-4	Methyl iodide	521	U
75-15-0	Carbon disulfide	521	U
75-09-2	Methylene chloride	1300	U
156-60-5	trans-1,2-Dichloroethene	521	U
107-13-1	Acrylonitrile	1300	U
75-34-3	1,1-Dichloroethane	521	U
67-64-1	Acetone	2600	U
594-20-7	2,2-Dichloropropane	521	U
156-59-2	cis-1,2-Dichloroethene	521	U
74-97-5	Bromochloromethane	521	U
78-93-3	2-Butanone	2600	U
67-66-3	Chloroform	521	U
71-55-6	1,1,1-Trichloroethane	521	U
56-23-5	Carbon tetrachloride	521	U
563-58-6	1,1-Dichloropropene	521	U
71-43-2	Benzene	521	U
107-06-2	1,2-Dichloroethane	521	U
79-01-6	Trichloroethene	521	U
108-05-4	Vinyl acetate	1040	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD50

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747312 Lab File ID: 47312M.D

Sample wt/vol: 1.92 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0410

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	521	U
74-95-3	Dibromomethane	521	U
75-27-4	Bromodichloromethane	521	U
10061-01-5	cis-1,3-Dichloropropene	521	U
108-10-1	4-Methyl-2-pentanone	1040	U
108-88-3	Toluene	521	U
10061-02-6	trans-1,3-Dichloropropene	521	U
79-00-5	1,1,2-Trichloroethane	521	U
127-18-4	Tetrachloroethene	1300	U
142-28-9	1,3-Dichloropropane	521	U
591-78-6	2-Hexanone	1040	U
124-48-1	Dibromochloromethane	521	U
106-93-4	1,2-Dibromoethane(EDB)	521	U
108-90-7	Chlorobenzene	521	U
630-20-6	1,1,1,2-Tetrachloroethane	521	U
100-41-4	Ethylbenzene	521	U
511-39-00	p,m-Xylene	1040	U
95-47-6	o-Xylene	521	U
100-42-5	Styrene	521	U
75-25-2	Bromoform	1300	U
98-82-8	Isopropylbenzene (Cumene)	521	U
108-86-1	Bromobenzene	521	U
79-34-5	1,1,2,2-Tetrachloroethane	521	U
96-18-4	1,2,3-Trichloropropane	521	U
103-65-1	n-Propylbenzene	521	U
95-49-8	2-Chlorotoluene	521	U
106-43-4	4-Chlorotoluene	521	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD50

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747312 Lab File ID: 47312M.D

Sample wt/vol: 1.92 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0410

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	521	U
98-06-6	tert-Butylbenzene	521	U
95-63-6	1,2,4-Trimethylbenzene	521	U
135-98-8	sec-Butylbenzene	521	U
541-73-1	1,3-Dichlorobenzene	521	U
106-46-7	1,4-Dichlorobenzene	521	U
99-87-6	4-Isopropyltoluene	521	U
104-51-8	n-Butylbenzene	521	U
95-50-1	1,2-Dichlorobenzene	521	U
96-12-8	1,2-Dibromo-3-chloropropane	2600	U
120-82-1	1,2,4-Trichlorobenzene	521	U
87-68-3	Hexachlorobutadiene	781	U
91-20-3	Naphthalene	521	U
87-61-6	1,2,3-Trichlorobenzene	521	U
1634-04-4	MTBE	521	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD48

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747313 Lab File ID: 47313M.D

Sample wt/vol: 1.99 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0434

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	502	U
74-87-3	Chloromethane	502	U
75-01-4	Vinyl chloride	502	U
74-83-9	Bromomethane	502	U
75-00-3	Chloroethane	1260	U
75-69-4	Trichlorofluoromethane	502	U
75-35-4	1,1-Dichloroethene	502	U
107-02-8	Acrolein	6280	U
74-88-4	Methyl iodide	502	U
75-15-0	Carbon disulfide	502	U
75-09-2	Methylene chloride	1260	U
156-60-5	trans-1,2-Dichloroethene	502	U
107-13-1	Acrylonitrile	1260	U
75-34-3	1,1-Dichloroethane	502	U
67-64-1	Acetone	2510	U
594-20-7	2,2-Dichloropropane	502	U
156-59-2	cis-1,2-Dichloroethene	502	U
74-97-5	Bromochloromethane	502	U
78-93-3	2-Butanone	2510	U
67-66-3	Chloroform	502	U
71-55-6	1,1,1-Trichloroethane	502	U
56-23-5	Carbon tetrachloride	502	U
563-58-6	1,1-Dichloropropene	502	U
71-43-2	Benzene	502	U
107-06-2	1,2-Dichloroethane	502	U
79-01-6	Trichloroethene	502	U
108-05-4	Vinyl acetate	1000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD48

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747313 Lab File ID: 47313M.D

Sample wt/vol: 1.99 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0434

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	502	U
74-95-3	Dibromomethane	502	U
75-27-4	Bromodichloromethane	502	U
10061-01-5	cis-1,3-Dichloropropene	502	U
108-10-1	4-Methyl-2-pentanone	1000	U
108-88-3	Toluene	502	U
10061-02-6	trans-1,3-Dichloropropene	502	U
79-00-5	1,1,2-Trichloroethane	502	U
127-18-4	Tetrachloroethene	1260	U
142-28-9	1,3-Dichloropropane	502	U
591-78-6	2-Hexanone	1000	U
124-48-1	Dibromochloromethane	502	U
106-93-4	1,2-Dibromoethane(EDB)	502	U
108-90-7	Chlorobenzene	502	U
630-20-6	1,1,1,2-Tetrachloroethane	502	U
100-41-4	Ethylbenzene	502	U
511-39-00	p,m-Xylene	1000	U
95-47-6	o-Xylene	502	U
100-42-5	Styrene	502	U
75-25-2	Bromoform	1260	U
98-82-8	Isopropylbenzene (Cumene)	502	U
108-86-1	Bromobenzene	502	U
79-34-5	1,1,2,2-Tetrachloroethane	502	U
96-18-4	1,2,3-Trichloropropane	502	U
103-65-1	n-Propylbenzene	502	U
95-49-8	2-Chlorotoluene	502	U
106-43-4	4-Chlorotoluene	502	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD48

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747313 Lab File ID: 47313M.D

Sample wt/vol: 1.99 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0434

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	502	U
98-06-6	tert-Butylbenzene	502	U
95-63-6	1,2,4-Trimethylbenzene	502	U
135-98-8	sec-Butylbenzene	502	U
541-73-1	1,3-Dichlorobenzene	502	U
106-46-7	1,4-Dichlorobenzene	502	U
99-87-6	4-Isopropyltoluene	502	U
104-51-8	n-Butylbenzene	502	U
95-50-1	1,2-Dichlorobenzene	502	U
96-12-8	1,2-Dibromo-3-chloropropane	2510	U
120-82-1	1,2,4-Trichlorobenzene	502	U
87-68-3	Hexachlorobutadiene	754	U
91-20-3	Naphthalene	502	U
87-61-6	1,2,3-Trichlorobenzene	502	U
1634-04-4	MTBE	502	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD47

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747314 Lab File ID: 47314M.D

Sample wt/vol: 1.99 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0458

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	502	U
74-87-3	Chloromethane	502	U
75-01-4	Vinyl chloride	502	U
74-83-9	Bromomethane	502	U
75-00-3	Chloroethane	1260	U
75-69-4	Trichlorofluoromethane	502	U
75-35-4	1,1-Dichloroethene	502	U
107-02-8	Acrolein	6280	U
74-88-4	Methyl iodide	502	U
75-15-0	Carbon disulfide	502	U
75-09-2	Methylene chloride	1260	U
156-60-5	trans-1,2-Dichloroethene	502	U
107-13-1	Acrylonitrile	1260	U
75-34-3	1,1-Dichloroethane	502	U
67-64-1	Acetone	2510	U
594-20-7	2,2-Dichloropropane	502	U
156-59-2	cis-1,2-Dichloroethene	502	U
74-97-5	Bromochloromethane	502	U
78-93-3	2-Butanone	2510	U
67-66-3	Chloroform	502	U
71-55-6	1,1,1-Trichloroethane	502	U
56-23-5	Carbon tetrachloride	502	U
563-58-6	1,1-Dichloropropene	502	U
71-43-2	Benzene	502	U
107-06-2	1,2-Dichloroethane	502	U
79-01-6	Trichloroethene	502	U
108-05-4	Vinyl acetate	1000	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD47

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747314 Lab File ID: 47314M.D

Sample wt/vol: 1.99 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0458

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	502	U
74-95-3	Dibromomethane	502	U
75-27-4	Bromodichloromethane	502	U
10061-01-5	cis-1,3-Dichloropropene	502	U
108-10-1	4-Methyl-2-pentanone	1000	U
108-88-3	Toluene	502	U
10061-02-6	trans-1,3-Dichloropropene	502	U
79-00-5	1,1,2-Trichloroethane	502	U
127-18-4	Tetrachloroethene	1260	U
142-28-9	1,3-Dichloropropane	502	U
591-78-6	2-Hexanone	1000	U
124-48-1	Dibromochloromethane	502	U
106-93-4	1,2-Dibromoethane(EDB)	502	U
108-90-7	Chlorobenzene	502	U
630-20-6	1,1,1,2-Tetrachloroethane	502	U
100-41-4	Ethylbenzene	502	U
511-39-00	p,m-Xylene	1000	U
95-47-6	o-Xylene	502	U
100-42-5	Styrene	502	U
75-25-2	Bromoform	1260	U
98-82-8	Isopropylbenzene (Cumene)	502	U
108-86-1	Bromobenzene	502	U
79-34-5	1,1,2,2-Tetrachloroethane	502	U
96-18-4	1,2,3-Trichloropropane	502	U
103-65-1	n-Propylbenzene	502	U
95-49-8	2-Chlorotoluene	502	U
106-43-4	4-Chlorotoluene	502	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD47

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747314 Lab File ID: 47314M.D

Sample wt/vol: 1.99 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0458

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	502	U
98-06-6	tert-Butylbenzene	502	U
95-63-6	1,2,4-Trimethylbenzene	502	U
135-98-8	sec-Butylbenzene	502	U
541-73-1	1,3-Dichlorobenzene	502	U
106-46-7	1,4-Dichlorobenzene	502	U
99-87-6	4-Isopropyltoluene	502	U
104-51-8	n-Butylbenzene	502	U
95-50-1	1,2-Dichlorobenzene	502	U
96-12-8	1,2-Dibromo-3-chloropropane	2510	U
120-82-1	1,2,4-Trichlorobenzene	502	U
87-68-3	Hexachlorobutadiene	754	U
91-20-3	Naphthalene	502	U
87-61-6	1,2,3-Trichlorobenzene	502	U
1634-04-4	MTBE	502	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD55

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747315 Lab File ID: 47315M.D

Sample wt/vol: 1.97 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0521

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	508	U
74-87-3	Chloromethane	508	U
75-01-4	Vinyl chloride	508	U
74-83-9	Bromomethane	508	U
75-00-3	Chloroethane	1270	U
75-69-4	Trichlorofluoromethane	508	U
75-35-4	1,1-Dichloroethene	508	U
107-02-8	Acrolein	6340	U
74-88-4	Methyl iodide	508	U
75-15-0	Carbon disulfide	508	U
75-09-2	Methylene chloride	1270	U
156-60-5	trans-1,2-Dichloroethene	508	U
107-13-1	Acrylonitrile	1270	U
75-34-3	1,1-Dichloroethane	508	U
67-64-1	Acetone	2540	U
594-20-7	2,2-Dichloropropane	508	U
156-59-2	cis-1,2-Dichloroethene	508	U
74-97-5	Bromochloromethane	508	U
78-93-3	2-Butanone	2540	U
67-66-3	Chloroform	508	U
71-55-6	1,1,1-Trichloroethane	508	U
56-23-5	Carbon tetrachloride	508	U
563-58-6	1,1-Dichloropropene	508	U
71-43-2	Benzene	508	U
107-06-2	1,2-Dichloroethane	508	U
79-01-6	Trichloroethene	508	U
108-05-4	Vinyl acetate	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD55

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747315 Lab File ID: 47315M.D

Sample wt/vol: 1.97 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0521

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	508	U
74-95-3	Dibromomethane	508	U
75-27-4	Bromodichloromethane	508	U
10061-01-5	cis-1,3-Dichloropropene	508	U
108-10-1	4-Methyl-2-pentanone	1020	U
108-88-3	Toluene	508	U
10061-02-6	trans-1,3-Dichloropropene	508	U
79-00-5	1,1,2-Trichloroethane	508	U
127-18-4	Tetrachloroethene	1270	U
142-28-9	1,3-Dichloropropane	508	U
591-78-6	2-Hexanone	1020	U
124-48-1	Dibromochloromethane	508	U
106-93-4	1,2-Dibromoethane(EDB)	508	U
108-90-7	Chlorobenzene	508	U
630-20-6	1,1,1,2-Tetrachloroethane	508	U
100-41-4	Ethylbenzene	508	U
511-39-00	p,m-Xylene	1020	U
95-47-6	o-Xylene	508	U
100-42-5	Styrene	508	U
75-25-2	Bromoform	1270	U
98-82-8	Isopropylbenzene (Cumene)	508	U
108-86-1	Bromobenzene	508	U
79-34-5	1,1,2,2-Tetrachloroethane	508	U
96-18-4	1,2,3-Trichloropropane	508	U
103-65-1	n-Propylbenzene	508	U
95-49-8	2-Chlorotoluene	508	U
106-43-4	4-Chlorotoluene	508	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD55

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747315 Lab File ID: 47315M.D

Sample wt/vol: 1.97 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0521

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	508	U
98-06-6	tert-Butylbenzene	508	U
95-63-6	1,2,4-Trimethylbenzene	508	U
135-98-8	sec-Butylbenzene	508	U
541-73-1	1,3-Dichlorobenzene	508	U
106-46-7	1,4-Dichlorobenzene	508	U
99-87-6	4-Isopropyltoluene	508	U
104-51-8	n-Butylbenzene	508	U
95-50-1	1,2-Dichlorobenzene	508	U
96-12-8	1,2-Dibromo-3-chloropropane	2540	U
120-82-1	1,2,4-Trichlorobenzene	508	U
87-68-3	Hexachlorobutadiene	761	U
91-20-3	Naphthalene	508	U
87-61-6	1,2,3-Trichlorobenzene	508	U
1634-04-4	MTBE	508	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD282

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747316 Lab File ID: 47316M.D

Sample wt/vol: 1.79 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0545

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	559	U
74-87-3	Chloromethane	559	U
75-01-4	Vinyl chloride	559	U
74-83-9	Bromomethane	559	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	559	U
75-35-4	1,1-Dichloroethene	559	U
107-02-8	Acrolein	6980	U
74-88-4	Methyl iodide	559	U
75-15-0	Carbon disulfide	559	U
75-09-2	Methylene chloride	1400	U
156-60-5	trans-1,2-Dichloroethene	559	U
107-13-1	Acrylonitrile	1400	U
75-34-3	1,1-Dichloroethane	559	U
67-64-1	Acetone	3860	
594-20-7	2,2-Dichloropropane	559	U
156-59-2	cis-1,2-Dichloroethene	559	U
74-97-5	Bromochloromethane	559	U
78-93-3	2-Butanone	2790	U
67-66-3	Chloroform	559	U
71-55-6	1,1,1-Trichloroethane	559	U
56-23-5	Carbon tetrachloride	559	U
563-58-6	1,1-Dichloropropene	559	U
71-43-2	Benzene	559	U
107-06-2	1,2-Dichloroethane	559	U
79-01-6	Trichloroethene	559	U
108-05-4	Vinyl acetate	1120	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD282

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747316 Lab File ID: 47316M.D

Sample wt/vol: 1.79 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0545

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	559	U
74-95-3	Dibromomethane	559	U
75-27-4	Bromodichloromethane	559	U
10061-01-5	cis-1,3-Dichloropropene	559	U
108-10-1	4-Methyl-2-pentanone	1120	U
108-88-3	Toluene	559	U
10061-02-6	trans-1,3-Dichloropropene	559	U
79-00-5	1,1,2-Trichloroethane	559	U
127-18-4	Tetrachloroethene	1400	U
142-28-9	1,3-Dichloropropane	559	U
591-78-6	2-Hexanone	1120	U
124-48-1	Dibromochloromethane	559	U
106-93-4	1,2-Dibromoethane(EDB)	559	U
108-90-7	Chlorobenzene	559	U
630-20-6	1,1,1,2-Tetrachloroethane	559	U
100-41-4	Ethylbenzene	559	U
511-39-00	p,m-Xylene	1120	U
95-47-6	o-Xylene	559	U
100-42-5	Styrene	559	U
75-25-2	Bromoform	1400	U
98-82-8	Isopropylbenzene (Cumene)	559	U
108-86-1	Bromobenzene	559	U
79-34-5	1,1,2,2-Tetrachloroethane	559	U
96-18-4	1,2,3-Trichloropropane	559	U
103-65-1	n-Propylbenzene	559	U
95-49-8	2-Chlorotoluene	559	U
106-43-4	4-Chlorotoluene	559	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD282

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747316 Lab File ID: 47316M.D

Sample wt/vol: 1.79 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0545

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	559	U
98-06-6	tert-Butylbenzene	559	U
95-63-6	1,2,4-Trimethylbenzene	559	U
135-98-8	sec-Butylbenzene	559	U
541-73-1	1,3-Dichlorobenzene	559	U
106-46-7	1,4-Dichlorobenzene	559	U
99-87-6	4-Isopropyltoluene	559	U
104-51-8	n-Butylbenzene	559	U
95-50-1	1,2-Dichlorobenzene	559	U
96-12-8	1,2-Dibromo-3-chloropropane	2790	U
120-82-1	1,2,4-Trichlorobenzene	559	U
87-68-3	Hexachlorobutadiene	838	U
91-20-3	Naphthalene	559	U
87-61-6	1,2,3-Trichlorobenzene	559	U
1634-04-4	MTBE	559	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD69

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747317 Lab File ID: 47317M.D

Sample wt/vol: 2.78 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0608

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	360	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl chloride	360	U
74-83-9	Bromomethane	360	U
75-00-3	Chloroethane	899	U
75-69-4	Trichlorofluoromethane	360	U
75-35-4	1,1-Dichloroethene	360	U
107-02-8	Acrolein	4500	U
74-88-4	Methyl iodide	360	U
75-15-0	Carbon disulfide	360	U
75-09-2	Methylene chloride	899	U
156-60-5	trans-1,2-Dichloroethene	360	U
107-13-1	Acrylonitrile	899	U
75-34-3	1,1-Dichloroethane	360	U
67-64-1	Acetone	1800	U
594-20-7	2,2-Dichloropropane	360	U
156-59-2	cis-1,2-Dichloroethene	360	U
74-97-5	Bromochloromethane	360	U
78-93-3	2-Butanone	1800	U
67-66-3	Chloroform	360	U
71-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon tetrachloride	360	U
563-58-6	1,1-Dichloropropene	360	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	360	U
79-01-6	Trichloroethene	360	U
108-05-4	Vinyl acetate	719	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD69

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747317 Lab File ID: 47317M.D

Sample wt/vol: 2.78 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0608

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	360	U
74-95-3	Dibromomethane	360	U
75-27-4	Bromodichloromethane	360	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-pentanone	719	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	360	U
79-00-5	1,1,2-Trichloroethane	360	U
127-18-4	Tetrachloroethene	899	U
142-28-9	1,3-Dichloropropane	360	U
591-78-6	2-Hexanone	719	U
124-48-1	Dibromochloromethane	360	U
106-93-4	1,2-Dibromoethane(EDB)	360	U
108-90-7	Chlorobenzene	360	U
630-20-6	1,1,1,2-Tetrachloroethane	360	U
100-41-4	Ethylbenzene	360	U
511-39-00	p,m-Xylene	719	U
95-47-6	o-Xylene	360	U
100-42-5	Styrene	360	U
75-25-2	Bromoform	899	U
98-82-8	Isopropylbenzene (Cumene)	360	U
108-86-1	Bromobenzene	360	U
79-34-5	1,1,2,2-Tetrachloroethane	360	U
96-18-4	1,2,3-Trichloropropane	360	U
103-65-1	n-Propylbenzene	360	U
95-49-8	2-Chlorotoluene	360	U
106-43-4	4-Chlorotoluene	360	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD69

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747317 Lab File ID: 47317M.D

Sample wt/vol: 2.78 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0608

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	360	U
98-06-6	tert-Butylbenzene	360	U
95-63-6	1,2,4-Trimethylbenzene	360	U
135-98-8	sec-Butylbenzene	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
99-87-6	4-Isopropyltoluene	360	U
104-51-8	n-Butylbenzene	360	U
95-50-1	1,2-Dichlorobenzene	360	U
96-12-8	1,2-Dibromo-3-chloropropane	1800	U
120-82-1	1,2,4-Trichlorobenzene	360	U
87-68-3	Hexachlorobutadiene	540	U
91-20-3	Naphthalene	192	J
87-61-6	1,2,3-Trichlorobenzene	360	U
1634-04-4	MTBE	360	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD70

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747318 Lab File ID: 47318M.D

Sample wt/vol: 1.77 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0632

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	565	U
74-87-3	Chloromethane	565	U
75-01-4	Vinyl chloride	565	U
74-83-9	Bromomethane	565	U
75-00-3	Chloroethane	1410	U
75-69-4	Trichlorofluoromethane	565	U
75-35-4	1,1-Dichloroethene	565	U
107-02-8	Acrolein	7060	U
74-88-4	Methyl iodide	565	U
75-15-0	Carbon disulfide	565	U
75-09-2	Methylene chloride	1410	U
156-60-5	trans-1,2-Dichloroethene	565	U
107-13-1	Acrylonitrile	1410	U
75-34-3	1,1-Dichloroethane	565	U
67-64-1	Acetone	2820	U
594-20-7	2,2-Dichloropropane	565	U
156-59-2	cis-1,2-Dichloroethene	565	U
74-97-5	Bromochloromethane	565	U
78-93-3	2-Butanone	2820	U
67-66-3	Chloroform	565	U
71-55-6	1,1,1-Trichloroethane	565	U
56-23-5	Carbon tetrachloride	565	U
563-58-6	1,1-Dichloropropene	565	U
71-43-2	Benzene	565	U
107-06-2	1,2-Dichloroethane	565	U
79-01-6	Trichloroethene	565	U
108-05-4	Vinyl acetate	1130	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD70

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747318 Lab File ID: 47318M.D

Sample wt/vol: 1.77 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0632

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	565	U
74-95-3	Dibromomethane	565	U
75-27-4	Bromodichloromethane	565	U
10061-01-5	cis-1,3-Dichloropropene	565	U
108-10-1	4-Methyl-2-pentanone	1130	U
108-88-3	Toluene	565	U
10061-02-6	trans-1,3-Dichloropropene	565	U
79-00-5	1,1,2-Trichloroethane	565	U
127-18-4	Tetrachloroethene	1410	U
142-28-9	1,3-Dichloropropane	565	U
591-78-6	2-Hexanone	1130	U
124-48-1	Dibromochloromethane	565	U
106-93-4	1,2-Dibromoethane(EDB)	565	U
108-90-7	Chlorobenzene	565	U
630-20-6	1,1,1,2-Tetrachloroethane	565	U
100-41-4	Ethylbenzene	565	U
511-39-00	p,m-Xylene	1130	U
95-47-6	o-Xylene	565	U
100-42-5	Styrene	565	U
75-25-2	Bromoform	1410	U
98-82-8	Isopropylbenzene (Cumene)	565	U
108-86-1	Bromobenzene	565	U
79-34-5	1,1,2,2-Tetrachloroethane	565	U
96-18-4	1,2,3-Trichloropropane	565	U
103-65-1	n-Propylbenzene	565	U
95-49-8	2-Chlorotoluene	565	U
106-43-4	4-Chlorotoluene	565	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD70

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747318 Lab File ID: 47318M.D

Sample wt/vol: 1.77 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0632

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	565	U
98-06-6	tert-Butylbenzene	565	U
95-63-6	1,2,4-Trimethylbenzene	565	U
135-98-8	sec-Butylbenzene	565	U
541-73-1	1,3-Dichlorobenzene	565	U
106-46-7	1,4-Dichlorobenzene	565	U
99-87-6	4-Isopropyltoluene	565	U
104-51-8	n-Butylbenzene	565	U
95-50-1	1,2-Dichlorobenzene	565	U
96-12-8	1,2-Dibromo-3-chloropropane	2820	U
120-82-1	1,2,4-Trichlorobenzene	565	U
87-68-3	Hexachlorobutadiene	847	U
91-20-3	Naphthalene	565	U
87-61-6	1,2,3-Trichlorobenzene	565	U
1634-04-4	MTBE	565	U

QC Summary

170907 1601

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 090807BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 2328

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 090807BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 2328

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 090807BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 2328

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090807LCSA34

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1660	83.0		30.0	45 - 128
Chloromethane	2000	2350	118.0		30.0	70 - 130
Vinyl chloride	2000	2050	102.0		30.0	70 - 130
Bromomethane	2000	1960	98.0		30.0	39 - 148
Chloroethane	2000	2010	100.0		30.0	55 - 139
Trichlorofluoromethane	2000	1650	82.5		30.0	70 - 130
1,1-Dichloroethene	2000	2120	106.0		30.0	70 - 130
Acrolein	6000	4170	69.5		30.0	69 - 130
Methyl iodide	2000	2400	120.0		30.0	55 - 133
Carbon disulfide	2000	1940	97.0		30.0	65 - 130
Methylene chloride	2000	1970	98.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2160	108.0		30.0	70 - 130
Acrylonitrile	6000	6000	100.0		30.0	70 - 130
1,1-Dichloroethane	2000	2300	115.0		30.0	70 - 130
Acetone	6000	6450	108.0		30.0	58 - 133
2,2-Dichloropropane	2000	1560	78.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2220	111.0		30.0	70 - 130
Bromochloromethane	2000	2270	114.0		30.0	70 - 130
2-Butanone	6000	5630	93.8		30.0	70 - 130
Chloroform	2000	2010	100.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2040	102.0		30.0	70 - 130
Carbon tetrachloride	2000	2230	112.0		30.0	70 - 130
1,1-Dichloropropene	2000	1870	93.5		30.0	70 - 130
Benzene	2000	2030	102.0		30.0	70 - 130
1,2-Dichloroethane	2000	2050	102.0		30.0	70 - 130
Trichloroethene	2000	2180	109.0		30.0	70 - 130
Vinyl acetate	2000	1760	88.0		30.0	70 - 130
1,2-Dichloropropane	2000	2100	105.0		30.0	70 - 130
Dibromomethane	2000	2050	102.0		30.0	70 - 130
Bromodichloromethane	2000	2000	100.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2060	103.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5890	98.2		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090807LCSA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2100	105.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2250	112.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2000	100.0		30.0	70 - 130
Tetrachloroethene	2000	1950	97.5		30.0	70 - 130
1,3-Dichloropropane	2000	1990	99.5		30.0	70 - 130
2-Hexanone	6000	5420	90.3		30.0	70 - 130
Dibromochloromethane	2000	2010	100.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1990	99.5		30.0	70 - 130
Chlorobenzene	2000	1960	98.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2110	106.0		30.0	70 - 130
Ethylbenzene	2000	1980	99.0		30.0	70 - 130
p,m-Xylene	4000	3950	98.8		30.0	70 - 130
o-Xylene	2000	2000	100.0		30.0	70 - 130
Styrene	2000	2080	104.0		30.0	70 - 130
Bromoform	2000	1920	96.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1970	98.5		30.0	70 - 130
Bromobenzene	2000	1900	95.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1670	83.5		30.0	70 - 130
1,2,3-Trichloropropane	2000	1920	96.0		30.0	70 - 130
n-Propylbenzene	2000	1910	95.5		30.0	70 - 130
2-Chlorotoluene	2000	1990	99.5		30.0	70 - 130
4-Chlorotoluene	2000	1980	99.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1900	95.0		30.0	70 - 130
tert-Butylbenzene	2000	1840	92.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1890	94.5		30.0	70 - 130
sec-Butylbenzene	2000	1750	87.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1880	94.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1870	93.5		30.0	70 - 130
4-Isopropyltoluene	2000	1770	88.5		30.0	70 - 130
n-Butylbenzene	2000	1660	83.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	1910	95.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1690	84.5		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

170907 1601

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090807LCSA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1620	81.0		30.0	65 - 130
Hexachlorobutadiene	2000	1600	80.0		30.0	70 - 130
Naphthalene	2000	1720	86.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1590	79.5		30.0	70 - 130
MTBE	2000	1760	88.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

170907 1601

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

170907 1601

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 3,3'-Dichlorobenzidine, 4-Nitroaniline, 4-Nitrophenol, Benzo(g,h,i)perylene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene. The low calibration standard is 1300 UG/KG for the following analyte(s): 4-Nitroaniline.

B. Blanks:

All acceptance criteria were met.

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample 3390BLK was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 116 % with criteria of (30-115).

Sample NPPD279 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 124 % with criteria of (30-115).

Sample NPPD280 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 117 % with criteria of (30-115).

Sample NPPD282 was recovered below criteria for the following surrogate(s): Phenol-d5 at 14.9 % with criteria of (24-113) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 127 % with criteria of (30-115).

Sample NPPD47 was recovered below criteria for the following surrogate(s): Phenol-d5 at 16 % with criteria of (24-113).

Sample NPPD48 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 119 % with criteria of (30-115).

Sample NPPD53 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 116 % with criteria of (30-115).

Sample NPPD55 was recovered below criteria for the following surrogate(s): Phenol-d5 at 18.3 % with criteria of (24-113).

Sample NPPD69 was recovered below criteria for the following surrogate(s): Phenol-d5 at 14.3 % with criteria of (24-113).

Sample NPPD70 was recovered below criteria for the following surrogate(s): Phenol-d5 at 13.8 % with criteria of (24-113) and was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 130 % with criteria of (30-115).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPPD278 NPPD280 NPPD48 NPPD55

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3390LCS was analyzed with the soil samples extracted on 08/31/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), Benzoic acid at 0 % with criteria of (10-106).

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

and the following analyte(s) were recovered above criteria: 1,2,4-Trichlorobenzene at 114 % with criteria of (71-110), 3-Nitroaniline at 114 % with criteria of (76-110), 4-Chloroaniline at 95.2 % with criteria of (57-95), 4-Chlorophenyl-phenylether at 113 % with criteria of (65-110), Acenaphthylene at 107 % with criteria of (66-105), Anthracene at 111 % with criteria of (67-105), Chrysene at 113 % with criteria of (65-110), N-Nitrosodiphenylamine at 121 % with criteria of (77-115), Phenanthrene at 111 % with criteria of (67-110), Phenol at 104 % with criteria of (46-100). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 114 % with criteria of (60-100), 1,3-Dichlorobenzene at 114 % with criteria of (61.5-105.5), 1,4-Dichlorobenzene at 114 % with criteria of (54.8-112.2), 2,4-Dinitrophenol at 0 % with criteria of (12.2-146.8), 2-Chloronaphthalene at 112 % with criteria of (66.5-110.5), 2-Methylnaphthalene at 115 % with criteria of (66.5-110.5), 4-Nitroaniline at 202 % with criteria of (62.5-122.5), 4-Nitrophenol at 34.2 % with criteria of (37.3-154.7), Benzyl alcohol at 147 % with criteria of (53.8-135.2), Dibenzofuran at 114 % with criteria of (70-110), Hexachloroethane at 118 % with criteria of (57.5-117.5), Naphthalene at 112 % with criteria of (60.7-111.3).

Samples coded accordingly.

The recoveries are directly related to the final volume adjustment of 10mL for the LCS to demonstrate recoveries that would be found in the samples.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

The following samples were analyzed at a 1:10 dilution due to non-target analyte interference.
Sample NPPD278
Sample NPPD279
Sample NPPD280
Sample NPPD282
Sample NPPD43
Sample NPPD44
Sample NPPD45
Sample NPPD47
Sample NPPD48
Sample NPPD49

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

Sample NPPD50
Sample NPPD51
Sample NPPD52
Sample NPPD53
Sample NPPD54
Sample NPPD55
Sample NPPD69
Sample NPPD70

All samples were only brought to a final volume of 10mL due to the nature of the samples.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/17/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Method: 8270

EPA Sample No	Lab Sample ID
NPPD279	250747301
NPPD280	250747302
NPPD278	250747303
NPPD45	250747304
NPPD44	250747305
NPPD43	250747306
NPPD54	250747307
NPPD53	250747308
NPPD51	250747309
NPPD49	250747310
NPPD52	250747311
NPPD50	250747312
NPPD48	250747313
NPPD47	250747314
NPPD55	250747315
NPPD282	250747316
NPPD69	250747317
NPPD70	250747318

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Sample Data

170907 1601

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD279

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747301 Lab File ID: 473-01.D

Sample wt/vol: 1.29 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1309

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	310000	U
62-53-3	Aniline	310000	U
111-44-4	Bis(2-Chloroethyl)ether	310000	U
108-95-2	Phenol	1550000	U
95-57-8	2-Chlorophenol	310000	U
541-73-1	1,3-Dichlorobenzene	310000	U
106-46-7	1,4-Dichlorobenzene	310000	U
95-50-1	1,2-Dichlorobenzene	310000	U
100-51-6	Benzyl alcohol	776000	U
108-60-1	2,2-Oxybis(1-chloropropane)	314000	U
95-48-7	2-Methylphenol (o-Cresol)	310000	U
67-72-1	Hexachloroethane	314000	U
621-64-7	N-Nitroso-di-n-propylamine	310000	U
106-44-5	4-Methylphenol	310000	U
98-95-3	Nitrobenzene	310000	U
78-59-1	Isophorone	310000	U
88-75-5	2-Nitrophenol	310000	U
105-67-9	2,4-Dimethylphenol	310000	U
65-85-0	Benzoic acid	1550000	U
111-91-1	Bis(2-Chloroethoxy)methane	310000	U
120-83-2	2,4-Dichlorophenol	310000	U
120-82-1	1,2,4-Trichlorobenzene	310000	U
91-20-3	Naphthalene	310000	U
106-47-8	4-Chloroaniline	310000	U
91-57-6	2-Methylnaphthalene	310000	U
87-68-3	Hexachlorobutadiene	310000	U
59-50-7	4-Chloro-3-methylphenol	310000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD279

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747301 Lab File ID: 473-01.D

Sample wt/vol: 1.29 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1309

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	310000	U
77-47-4	Hexachlorocyclopentadiene	776000	U
88-06-2	2,4,6-Trichlorophenol	310000	U
95-95-4	2,4,5-Trichlorophenol	310000	U
91-58-7	2-Chloronaphthalene	314000	U
88-74-4	2-Nitroaniline	310000	U
208-96-8	Acenaphthylene	310000	U
131-11-3	Dimethyl-phthalate	310000	U
606-20-2	2,6-Dinitrotoluene	310000	U
83-32-9	Acenaphthene	310000	U
99-09-2	3-Nitroaniline	310000	U
51-28-5	2,4-Dinitrophenol	1560000	U
132-64-9	Dibenzofuran	310000	U
121-14-2	2,4-Dinitrotoluene	310000	U
100-02-7	4-Nitrophenol	776000	U
86-73-7	Fluorene	310000	U
7005-72-3	4-Chlorophenyl-phenylether	310000	U
84-66-2	Diethylphthalate	310000	U
100-01-6	4-Nitroaniline	310000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1550000	U
86-30-6	N-Nitrosodiphenylamine	310000	U
101-55-3	4-Bromophenyl-phenylether	310000	U
118-74-1	Hexachlorobenzene	310000	U
87-86-5	Pentachlorophenol	1550000	U
85-01-8	Phenanthrene	310000	U
120-12-7	Anthracene	310000	U
84-74-2	Di-n-butylphthalate	310000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD279

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747301 Lab File ID: 473-01.D

Sample wt/vol: 1.29 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1309

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	310000	U
129-00-0	Pyrene	310000	U
92-87-5	Benzidine	779000	U
85-68-7	Butylbenzylphthalate	310000	U
91-94-1	3,3'-Dichlorobenzidine	310000	U
56-55-3	Benzo(a)anthracene	310000	U
218-01-9	Chrysene	310000	U
117-81-7	bis(2-ethylhexyl)phthalate	310000	U
117-84-0	Di-n-octylphthalate	310000	U
205-99-2	Benzo(b)fluoranthene	310000	U
207-08-9	Benzo(k)fluoranthene	310000	U
50-32-8	Benzo(a)pyrene	310000	U
193-39-5	Indeno(1,2,3-cd)pyrene	310000	U
53-70-3	Dibenz(a,h)anthracene	310000	U
191-24-2	Benzo(g,h,i)perylene	310000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD280

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747302 Lab File ID: 473-02.D

Sample wt/vol: 1.15 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1342

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	348000	U
62-53-3	Aniline	348000	U
111-44-4	Bis(2-Chloroethyl)ether	348000	U
108-95-2	Phenol	1740000	U
95-57-8	2-Chlorophenol	348000	U
541-73-1	1,3-Dichlorobenzene	348000	U
106-46-7	1,4-Dichlorobenzene	348000	U
95-50-1	1,2-Dichlorobenzene	348000	U
100-51-6	Benzyl alcohol	870000	U
108-60-1	2,2-Oxybis(1-chloropropane)	352000	U
95-48-7	2-Methylphenol (o-Cresol)	348000	U
67-72-1	Hexachloroethane	352000	U
621-64-7	N-Nitroso-di-n-propylamine	348000	U
106-44-5	4-Methylphenol	348000	U
98-95-3	Nitrobenzene	348000	U
78-59-1	Isophorone	348000	U
88-75-5	2-Nitrophenol	348000	U
105-67-9	2,4-Dimethylphenol	348000	U
65-85-0	Benzoic acid	1740000	U
111-91-1	Bis(2-Chloroethoxy)methane	348000	U
120-83-2	2,4-Dichlorophenol	348000	U
120-82-1	1,2,4-Trichlorobenzene	348000	U
91-20-3	Naphthalene	348000	U
106-47-8	4-Chloroaniline	348000	U
91-57-6	2-Methylnaphthalene	348000	U
87-68-3	Hexachlorobutadiene	348000	U
59-50-7	4-Chloro-3-methylphenol	348000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD280

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747302 Lab File ID: 473-02.D

Sample wt/vol: 1.15 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1342

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	348000	U
77-47-4	Hexachlorocyclopentadiene	870000	U
88-06-2	2,4,6-Trichlorophenol	348000	U
95-95-4	2,4,5-Trichlorophenol	348000	U
91-58-7	2-Chloronaphthalene	352000	U
88-74-4	2-Nitroaniline	348000	U
208-96-8	Acenaphthylene	348000	U
131-11-3	Dimethyl-phthalate	348000	U
606-20-2	2,6-Dinitrotoluene	348000	U
83-32-9	Acenaphthene	348000	U
99-09-2	3-Nitroaniline	348000	U
51-28-5	2,4-Dinitrophenol	1750000	U
132-64-9	Dibenzofuran	348000	U
121-14-2	2,4-Dinitrotoluene	348000	U
100-02-7	4-Nitrophenol	870000	U
86-73-7	Fluorene	348000	U
7005-72-3	4-Chlorophenyl-phenylether	348000	U
84-66-2	Diethylphthalate	348000	U
100-01-6	4-Nitroaniline	348000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1740000	U
86-30-6	N-Nitrosodiphenylamine	348000	U
101-55-3	4-Bromophenyl-phenylether	348000	U
118-74-1	Hexachlorobenzene	348000	U
87-86-5	Pentachlorophenol	1740000	U
85-01-8	Phenanthrene	348000	U
120-12-7	Anthracene	348000	U
84-74-2	Di-n-butylphthalate	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD280

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747302 Lab File ID: 473-02.D

Sample wt/vol: 1.15 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1342

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	348000	U
129-00-0	Pyrene	348000	U
92-87-5	Benzidine	874000	U
85-68-7	Butylbenzylphthalate	348000	U
91-94-1	3,3'-Dichlorobenzidine	348000	U
56-55-3	Benzo(a)anthracene	348000	U
218-01-9	Chrysene	348000	U
117-81-7	bis(2-ethylhexyl)phthalate	348000	U
117-84-0	Di-n-octylphthalate	348000	U
205-99-2	Benzo(b)fluoranthene	348000	U
207-08-9	Benzo(k)fluoranthene	348000	U
50-32-8	Benzo(a)pyrene	348000	U
193-39-5	Indeno(1,2,3-cd)pyrene	348000	U
53-70-3	Dibenz(a,h)anthracene	348000	U
191-24-2	Benzo(g,h,i)perylene	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD278

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747303 Lab File ID: 473-03.D

Sample wt/vol: 1.37 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1414

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	292000	U
62-53-3	Aniline	292000	U
111-44-4	Bis(2-Chloroethyl)ether	292000	U
108-95-2	Phenol	1460000	U
95-57-8	2-Chlorophenol	292000	U
541-73-1	1,3-Dichlorobenzene	292000	U
106-46-7	1,4-Dichlorobenzene	292000	U
95-50-1	1,2-Dichlorobenzene	292000	U
100-51-6	Benzyl alcohol	730000	U
108-60-1	2,2-Oxybis(1-chloropropane)	296000	U
95-48-7	2-Methylphenol (o-Cresol)	292000	U
67-72-1	Hexachloroethane	296000	U
621-64-7	N-Nitroso-di-n-propylamine	292000	U
106-44-5	4-Methylphenol	292000	U
98-95-3	Nitrobenzene	292000	U
78-59-1	Isophorone	292000	U
88-75-5	2-Nitrophenol	292000	U
105-67-9	2,4-Dimethylphenol	292000	U
65-85-0	Benzoic acid	1460000	U
111-91-1	Bis(2-Chloroethoxy)methane	292000	U
120-83-2	2,4-Dichlorophenol	292000	U
120-82-1	1,2,4-Trichlorobenzene	292000	U
91-20-3	Naphthalene	292000	U
106-47-8	4-Chloroaniline	292000	U
91-57-6	2-Methylnaphthalene	292000	U
87-68-3	Hexachlorobutadiene	292000	U
59-50-7	4-Chloro-3-methylphenol	292000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD278

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747303 Lab File ID: 473-03.D

Sample wt/vol: 1.37 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1414

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	292000	U
77-47-4	Hexachlorocyclopentadiene	730000	U
88-06-2	2,4,6-Trichlorophenol	292000	U
95-95-4	2,4,5-Trichlorophenol	292000	U
91-58-7	2-Chloronaphthalene	296000	U
88-74-4	2-Nitroaniline	292000	U
208-96-8	Acenaphthylene	292000	U
131-11-3	Dimethyl-phthalate	292000	U
606-20-2	2,6-Dinitrotoluene	292000	U
83-32-9	Acenaphthene	292000	U
99-09-2	3-Nitroaniline	292000	U
51-28-5	2,4-Dinitrophenol	1470000	U
132-64-9	Dibenzofuran	292000	U
121-14-2	2,4-Dinitrotoluene	292000	U
100-02-7	4-Nitrophenol	730000	U
86-73-7	Fluorene	292000	U
7005-72-3	4-Chlorophenyl-phenylether	292000	U
84-66-2	Diethylphthalate	292000	U
100-01-6	4-Nitroaniline	292000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1460000	U
86-30-6	N-Nitrosodiphenylamine	292000	U
101-55-3	4-Bromophenyl-phenylether	292000	U
118-74-1	Hexachlorobenzene	292000	U
87-86-5	Pentachlorophenol	1460000	U
85-01-8	Phenanthrene	292000	U
120-12-7	Anthracene	292000	U
84-74-2	Di-n-butylphthalate	292000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD278

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747303 Lab File ID: 473-03.D

Sample wt/vol: 1.37 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1414

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	292000	U
129-00-0	Pyrene	292000	U
92-87-5	Benzidine	734000	U
85-68-7	Butylbenzylphthalate	292000	U
91-94-1	3,3'-Dichlorobenzidine	292000	U
56-55-3	Benzo(a)anthracene	292000	U
218-01-9	Chrysene	292000	U
117-81-7	bis(2-ethylhexyl)phthalate	292000	U
117-84-0	Di-n-octylphthalate	292000	U
205-99-2	Benzo(b)fluoranthene	292000	U
207-08-9	Benzo(k)fluoranthene	292000	U
50-32-8	Benzo(a)pyrene	292000	U
193-39-5	Indeno(1,2,3-cd)pyrene	292000	U
53-70-3	Dibenz(a,h)anthracene	292000	U
191-24-2	Benzo(g,h,i)perylene	292000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD45

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747304 Lab File ID: 473-04.D

Sample wt/vol: 1.33 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1447

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	301000	U
62-53-3	Aniline	301000	U
111-44-4	Bis(2-Chloroethyl)ether	301000	U
108-95-2	Phenol	1500000	U
95-57-8	2-Chlorophenol	301000	U
541-73-1	1,3-Dichlorobenzene	301000	U
106-46-7	1,4-Dichlorobenzene	301000	U
95-50-1	1,2-Dichlorobenzene	301000	U
100-51-6	Benzyl alcohol	752000	U
108-60-1	2,2-Oxybis(1-chloropropane)	304000	U
95-48-7	2-Methylphenol (o-Cresol)	301000	U
67-72-1	Hexachloroethane	304000	U
621-64-7	N-Nitroso-di-n-propylamine	301000	U
106-44-5	4-Methylphenol	301000	U
98-95-3	Nitrobenzene	301000	U
78-59-1	Isophorone	301000	U
88-75-5	2-Nitrophenol	301000	U
105-67-9	2,4-Dimethylphenol	301000	U
65-85-0	Benzoic acid	1500000	U
111-91-1	Bis(2-Chloroethoxy)methane	301000	U
120-83-2	2,4-Dichlorophenol	301000	U
120-82-1	1,2,4-Trichlorobenzene	301000	U
91-20-3	Naphthalene	301000	U
106-47-8	4-Chloroaniline	301000	U
91-57-6	2-Methylnaphthalene	301000	U
87-68-3	Hexachlorobutadiene	301000	U
59-50-7	4-Chloro-3-methylphenol	301000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD45

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747304 Lab File ID: 473-04.D

Sample wt/vol: 1.33 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1447

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	301000	U
77-47-4	Hexachlorocyclopentadiene	752000	U
88-06-2	2,4,6-Trichlorophenol	301000	U
95-95-4	2,4,5-Trichlorophenol	301000	U
91-58-7	2-Chloronaphthalene	304000	U
88-74-4	2-Nitroaniline	301000	U
208-96-8	Acenaphthylene	301000	U
131-11-3	Dimethyl-phthalate	301000	U
606-20-2	2,6-Dinitrotoluene	301000	U
83-32-9	Acenaphthene	301000	U
99-09-2	3-Nitroaniline	301000	U
51-28-5	2,4-Dinitrophenol	1510000	U
132-64-9	Dibenzofuran	301000	U
121-14-2	2,4-Dinitrotoluene	301000	U
100-02-7	4-Nitrophenol	752000	U
86-73-7	Fluorene	301000	U
7005-72-3	4-Chlorophenyl-phenylether	301000	U
84-66-2	Diethylphthalate	301000	U
100-01-6	4-Nitroaniline	301000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1500000	U
86-30-6	N-Nitrosodiphenylamine	301000	U
101-55-3	4-Bromophenyl-phenylether	301000	U
118-74-1	Hexachlorobenzene	301000	U
87-86-5	Pentachlorophenol	1500000	U
85-01-8	Phenanthrene	301000	U
120-12-7	Anthracene	301000	U
84-74-2	Di-n-butylphthalate	301000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD45

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747304 Lab File ID: 473-04.D

Sample wt/vol: 1.33 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1447

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	301000	U
129-00-0	Pyrene	301000	U
92-87-5	Benzidine	756000	U
85-68-7	Butylbenzylphthalate	301000	U
91-94-1	3,3'-Dichlorobenzidine	301000	U
56-55-3	Benzo(a)anthracene	301000	U
218-01-9	Chrysene	301000	U
117-81-7	bis(2-ethylhexyl)phthalate	301000	U
117-84-0	Di-n-octylphthalate	301000	U
205-99-2	Benzo(b)fluoranthene	301000	U
207-08-9	Benzo(k)fluoranthene	301000	U
50-32-8	Benzo(a)pyrene	301000	U
193-39-5	Indeno(1,2,3-cd)pyrene	301000	U
53-70-3	Dibenz(a,h)anthracene	301000	U
191-24-2	Benzo(g,h,i)perylene	301000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747305 Lab File ID: 473-05.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1520

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	371000	U
62-53-3	Aniline	371000	U
111-44-4	Bis(2-Chloroethyl)ether	371000	U
108-95-2	Phenol	1850000	U
95-57-8	2-Chlorophenol	371000	U
541-73-1	1,3-Dichlorobenzene	371000	U
106-46-7	1,4-Dichlorobenzene	371000	U
95-50-1	1,2-Dichlorobenzene	371000	U
100-51-6	Benzyl alcohol	926000	U
108-60-1	2,2-Oxybis(1-chloropropane)	375000	U
95-48-7	2-Methylphenol (o-Cresol)	371000	U
67-72-1	Hexachloroethane	375000	U
621-64-7	N-Nitroso-di-n-propylamine	371000	U
106-44-5	4-Methylphenol	371000	U
98-95-3	Nitrobenzene	371000	U
78-59-1	Isophorone	371000	U
88-75-5	2-Nitrophenol	371000	U
105-67-9	2,4-Dimethylphenol	371000	U
65-85-0	Benzoic acid	1850000	U
111-91-1	Bis(2-Chloroethoxy)methane	371000	U
120-83-2	2,4-Dichlorophenol	371000	U
120-82-1	1,2,4-Trichlorobenzene	371000	U
91-20-3	Naphthalene	371000	U
106-47-8	4-Chloroaniline	371000	U
91-57-6	2-Methylnaphthalene	371000	U
87-68-3	Hexachlorobutadiene	371000	U
59-50-7	4-Chloro-3-methylphenol	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747305 Lab File ID: 473-05.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1520

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	371000	U
77-47-4	Hexachlorocyclopentadiene	926000	U
88-06-2	2,4,6-Trichlorophenol	371000	U
95-95-4	2,4,5-Trichlorophenol	371000	U
91-58-7	2-Chloronaphthalene	375000	U
88-74-4	2-Nitroaniline	371000	U
208-96-8	Acenaphthylene	371000	U
131-11-3	Dimethyl-phthalate	371000	U
606-20-2	2,6-Dinitrotoluene	371000	U
83-32-9	Acenaphthene	371000	U
99-09-2	3-Nitroaniline	371000	U
51-28-5	2,4-Dinitrophenol	1860000	U
132-64-9	Dibenzofuran	371000	U
121-14-2	2,4-Dinitrotoluene	371000	U
100-02-7	4-Nitrophenol	926000	U
86-73-7	Fluorene	371000	U
7005-72-3	4-Chlorophenyl-phenylether	371000	U
84-66-2	Diethylphthalate	371000	U
100-01-6	4-Nitroaniline	371000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1850000	U
86-30-6	N-Nitrosodiphenylamine	371000	U
101-55-3	4-Bromophenyl-phenylether	371000	U
118-74-1	Hexachlorobenzene	371000	U
87-86-5	Pentachlorophenol	1850000	U
85-01-8	Phenanthrene	371000	U
120-12-7	Anthracene	371000	U
84-74-2	Di-n-butylphthalate	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747305 Lab File ID: 473-05.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1520

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	371000	U
129-00-0	Pyrene	371000	U
92-87-5	Benzidine	930000	U
85-68-7	Butylbenzylphthalate	371000	U
91-94-1	3,3'-Dichlorobenzidine	371000	U
56-55-3	Benzo(a)anthracene	371000	U
218-01-9	Chrysene	371000	U
117-81-7	bis(2-ethylhexyl)phthalate	371000	U
117-84-0	Di-n-octylphthalate	371000	U
205-99-2	Benzo(b)fluoranthene	371000	U
207-08-9	Benzo(k)fluoranthene	371000	U
50-32-8	Benzo(a)pyrene	371000	U
193-39-5	Indeno(1,2,3-cd)pyrene	371000	U
53-70-3	Dibenz(a,h)anthracene	371000	U
191-24-2	Benzo(g,h,i)perylene	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD43

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747306 Lab File ID: 473-06.D

Sample wt/vol: 1.06 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1552

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	378000	U
62-53-3	Aniline	378000	U
111-44-4	Bis(2-Chloroethyl)ether	378000	U
108-95-2	Phenol	1890000	U
95-57-8	2-Chlorophenol	378000	U
541-73-1	1,3-Dichlorobenzene	378000	U
106-46-7	1,4-Dichlorobenzene	378000	U
95-50-1	1,2-Dichlorobenzene	378000	U
100-51-6	Benzyl alcohol	944000	U
108-60-1	2,2-Oxybis(1-chloropropane)	382000	U
95-48-7	2-Methylphenol (o-Cresol)	378000	U
67-72-1	Hexachloroethane	382000	U
621-64-7	N-Nitroso-di-n-propylamine	378000	U
106-44-5	4-Methylphenol	378000	U
98-95-3	Nitrobenzene	378000	U
78-59-1	Isophorone	378000	U
88-75-5	2-Nitrophenol	378000	U
105-67-9	2,4-Dimethylphenol	378000	U
65-85-0	Benzoic acid	1890000	U
111-91-1	Bis(2-Chloroethoxy)methane	378000	U
120-83-2	2,4-Dichlorophenol	378000	U
120-82-1	1,2,4-Trichlorobenzene	378000	U
91-20-3	Naphthalene	378000	U
106-47-8	4-Chloroaniline	378000	U
91-57-6	2-Methylnaphthalene	378000	U
87-68-3	Hexachlorobutadiene	378000	U
59-50-7	4-Chloro-3-methylphenol	378000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD43

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747306 Lab File ID: 473-06.D

Sample wt/vol: 1.06 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1552

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	378000	U
77-47-4	Hexachlorocyclopentadiene	944000	U
88-06-2	2,4,6-Trichlorophenol	378000	U
95-95-4	2,4,5-Trichlorophenol	378000	U
91-58-7	2-Chloronaphthalene	382000	U
88-74-4	2-Nitroaniline	378000	U
208-96-8	Acenaphthylene	378000	U
131-11-3	Dimethyl-phthalate	378000	U
606-20-2	2,6-Dinitrotoluene	378000	U
83-32-9	Acenaphthene	378000	U
99-09-2	3-Nitroaniline	378000	U
51-28-5	2,4-Dinitrophenol	1900000	U
132-64-9	Dibenzofuran	378000	U
121-14-2	2,4-Dinitrotoluene	378000	U
100-02-7	4-Nitrophenol	944000	U
86-73-7	Fluorene	378000	U
7005-72-3	4-Chlorophenyl-phenylether	378000	U
84-66-2	Diethylphthalate	378000	U
100-01-6	4-Nitroaniline	378000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1890000	U
86-30-6	N-Nitrosodiphenylamine	378000	U
101-55-3	4-Bromophenyl-phenylether	378000	U
118-74-1	Hexachlorobenzene	378000	U
87-86-5	Pentachlorophenol	1890000	U
85-01-8	Phenanthrene	378000	U
120-12-7	Anthracene	378000	U
84-74-2	Di-n-butylphthalate	378000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD43

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747306 Lab File ID: 473-06.D

Sample wt/vol: 1.06 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1552

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	378000	U
129-00-0	Pyrene	378000	U
92-87-5	Benzidine	948000	U
85-68-7	Butylbenzylphthalate	378000	U
91-94-1	3,3'-Dichlorobenzidine	378000	U
56-55-3	Benzo(a)anthracene	378000	U
218-01-9	Chrysene	378000	U
117-81-7	bis(2-ethylhexyl)phthalate	378000	U
117-84-0	Di-n-octylphthalate	378000	U
205-99-2	Benzo(b)fluoranthene	378000	U
207-08-9	Benzo(k)fluoranthene	378000	U
50-32-8	Benzo(a)pyrene	378000	U
193-39-5	Indeno(1,2,3-cd)pyrene	378000	U
53-70-3	Dibenz(a,h)anthracene	378000	U
191-24-2	Benzo(g,h,i)perylene	378000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD54

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747307 Lab File ID: 473-07.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1625

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	336000	U
62-53-3	Aniline	336000	U
111-44-4	Bis(2-Chloroethyl)ether	336000	U
108-95-2	Phenol	1680000	U
95-57-8	2-Chlorophenol	336000	U
541-73-1	1,3-Dichlorobenzene	336000	U
106-46-7	1,4-Dichlorobenzene	336000	U
95-50-1	1,2-Dichlorobenzene	336000	U
100-51-6	Benzyl alcohol	841000	U
108-60-1	2,2-Oxybis(1-chloropropane)	340000	U
95-48-7	2-Methylphenol (o-Cresol)	336000	U
67-72-1	Hexachloroethane	340000	U
621-64-7	N-Nitroso-di-n-propylamine	336000	U
106-44-5	4-Methylphenol	336000	U
98-95-3	Nitrobenzene	336000	U
78-59-1	Isophorone	336000	U
88-75-5	2-Nitrophenol	336000	U
105-67-9	2,4-Dimethylphenol	336000	U
65-85-0	Benzoic acid	1680000	U
111-91-1	Bis(2-Chloroethoxy)methane	336000	U
120-83-2	2,4-Dichlorophenol	336000	U
120-82-1	1,2,4-Trichlorobenzene	336000	U
91-20-3	Naphthalene	336000	U
106-47-8	4-Chloroaniline	336000	U
91-57-6	2-Methylnaphthalene	336000	U
87-68-3	Hexachlorobutadiene	336000	U
59-50-7	4-Chloro-3-methylphenol	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD54

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747307 Lab File ID: 473-07.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1625

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	336000	U
77-47-4	Hexachlorocyclopentadiene	841000	U
88-06-2	2,4,6-Trichlorophenol	336000	U
95-95-4	2,4,5-Trichlorophenol	336000	U
91-58-7	2-Chloronaphthalene	340000	U
88-74-4	2-Nitroaniline	336000	U
208-96-8	Acenaphthylene	336000	U
131-11-3	Dimethyl-phthalate	336000	U
606-20-2	2,6-Dinitrotoluene	336000	U
83-32-9	Acenaphthene	336000	U
99-09-2	3-Nitroaniline	336000	U
51-28-5	2,4-Dinitrophenol	1690000	U
132-64-9	Dibenzofuran	336000	U
121-14-2	2,4-Dinitrotoluene	336000	U
100-02-7	4-Nitrophenol	841000	U
86-73-7	Fluorene	336000	U
7005-72-3	4-Chlorophenyl-phenylether	336000	U
84-66-2	Diethylphthalate	336000	U
100-01-6	4-Nitroaniline	336000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1680000	U
86-30-6	N-Nitrosodiphenylamine	336000	U
101-55-3	4-Bromophenyl-phenylether	336000	U
118-74-1	Hexachlorobenzene	336000	U
87-86-5	Pentachlorophenol	1680000	U
85-01-8	Phenanthrene	336000	U
120-12-7	Anthracene	336000	U
84-74-2	Di-n-butylphthalate	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD54

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747307 Lab File ID: 473-07.D

Sample wt/vol: 1.19 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1625

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	336000	U
129-00-0	Pyrene	336000	U
92-87-5	Benzidine	844000	U
85-68-7	Butylbenzylphthalate	336000	U
91-94-1	3,3'-Dichlorobenzidine	336000	U
56-55-3	Benzo(a)anthracene	336000	U
218-01-9	Chrysene	336000	U
117-81-7	bis(2-ethylhexyl)phthalate	336000	U
117-84-0	Di-n-octylphthalate	336000	U
205-99-2	Benzo(b)fluoranthene	336000	U
207-08-9	Benzo(k)fluoranthene	336000	U
50-32-8	Benzo(a)pyrene	336000	U
193-39-5	Indeno(1,2,3-cd)pyrene	336000	U
53-70-3	Dibenz(a,h)anthracene	336000	U
191-24-2	Benzo(g,h,i)perylene	336000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD53

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747308 Lab File ID: 473-08.D

Sample wt/vol: 1.2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1658

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	334000	U
62-53-3	Aniline	334000	U
111-44-4	Bis(2-Chloroethyl)ether	334000	U
108-95-2	Phenol	1670000	U
95-57-8	2-Chlorophenol	334000	U
541-73-1	1,3-Dichlorobenzene	334000	U
106-46-7	1,4-Dichlorobenzene	334000	U
95-50-1	1,2-Dichlorobenzene	334000	U
100-51-6	Benzyl alcohol	834000	U
108-60-1	2,2-Oxybis(1-chloropropane)	338000	U
95-48-7	2-Methylphenol (o-Cresol)	334000	U
67-72-1	Hexachloroethane	338000	U
621-64-7	N-Nitroso-di-n-propylamine	334000	U
106-44-5	4-Methylphenol	334000	U
98-95-3	Nitrobenzene	334000	U
78-59-1	Isophorone	334000	U
88-75-5	2-Nitrophenol	334000	U
105-67-9	2,4-Dimethylphenol	334000	U
65-85-0	Benzoic acid	1670000	U
111-91-1	Bis(2-Chloroethoxy)methane	334000	U
120-83-2	2,4-Dichlorophenol	334000	U
120-82-1	1,2,4-Trichlorobenzene	334000	U
91-20-3	Naphthalene	334000	U
106-47-8	4-Chloroaniline	334000	U
91-57-6	2-Methylnaphthalene	334000	U
87-68-3	Hexachlorobutadiene	334000	U
59-50-7	4-Chloro-3-methylphenol	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD53

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747308 Lab File ID: 473-08.D

Sample wt/vol: 1.2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1658

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	334000	U
77-47-4	Hexachlorocyclopentadiene	834000	U
88-06-2	2,4,6-Trichlorophenol	334000	U
95-95-4	2,4,5-Trichlorophenol	334000	U
91-58-7	2-Chloronaphthalene	338000	U
88-74-4	2-Nitroaniline	334000	U
208-96-8	Acenaphthylene	334000	U
131-11-3	Dimethyl-phthalate	334000	U
606-20-2	2,6-Dinitrotoluene	334000	U
83-32-9	Acenaphthene	334000	U
99-09-2	3-Nitroaniline	334000	U
51-28-5	2,4-Dinitrophenol	1680000	U
132-64-9	Dibenzofuran	334000	U
121-14-2	2,4-Dinitrotoluene	334000	U
100-02-7	4-Nitrophenol	834000	U
86-73-7	Fluorene	334000	U
7005-72-3	4-Chlorophenyl-phenylether	334000	U
84-66-2	Diethylphthalate	334000	U
100-01-6	4-Nitroaniline	334000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1670000	U
86-30-6	N-Nitrosodiphenylamine	334000	U
101-55-3	4-Bromophenyl-phenylether	334000	U
118-74-1	Hexachlorobenzene	334000	U
87-86-5	Pentachlorophenol	1670000	U
85-01-8	Phenanthrene	334000	U
120-12-7	Anthracene	334000	U
84-74-2	Di-n-butylphthalate	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD53

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747308 Lab File ID: 473-08.D

Sample wt/vol: 1.2 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1658

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	334000	U
129-00-0	Pyrene	334000	U
92-87-5	Benzidine	838000	U
85-68-7	Butylbenzylphthalate	334000	U
91-94-1	3,3'-Dichlorobenzidine	334000	U
56-55-3	Benzo(a)anthracene	334000	U
218-01-9	Chrysene	334000	U
117-81-7	bis(2-ethylhexyl)phthalate	334000	U
117-84-0	Di-n-octylphthalate	334000	U
205-99-2	Benzo(b)fluoranthene	334000	U
207-08-9	Benzo(k)fluoranthene	334000	U
50-32-8	Benzo(a)pyrene	334000	U
193-39-5	Indeno(1,2,3-cd)pyrene	334000	U
53-70-3	Dibenz(a,h)anthracene	334000	U
191-24-2	Benzo(g,h,i)perylene	334000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD51

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747309 Lab File ID: 473-09.D

Sample wt/vol: 1.11 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1731

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	361000	U
62-53-3	Aniline	361000	U
111-44-4	Bis(2-Chloroethyl)ether	361000	U
108-95-2	Phenol	1800000	U
95-57-8	2-Chlorophenol	361000	U
541-73-1	1,3-Dichlorobenzene	361000	U
106-46-7	1,4-Dichlorobenzene	361000	U
95-50-1	1,2-Dichlorobenzene	361000	U
100-51-6	Benzyl alcohol	901000	U
108-60-1	2,2-Oxybis(1-chloropropane)	365000	U
95-48-7	2-Methylphenol (o-Cresol)	361000	U
67-72-1	Hexachloroethane	365000	U
621-64-7	N-Nitroso-di-n-propylamine	361000	U
106-44-5	4-Methylphenol	361000	U
98-95-3	Nitrobenzene	361000	U
78-59-1	Isophorone	361000	U
88-75-5	2-Nitrophenol	361000	U
105-67-9	2,4-Dimethylphenol	361000	U
65-85-0	Benzoic acid	1800000	U
111-91-1	Bis(2-Chloroethoxy)methane	361000	U
120-83-2	2,4-Dichlorophenol	361000	U
120-82-1	1,2,4-Trichlorobenzene	361000	U
91-20-3	Naphthalene	361000	U
106-47-8	4-Chloroaniline	361000	U
91-57-6	2-Methylnaphthalene	361000	U
87-68-3	Hexachlorobutadiene	361000	U
59-50-7	4-Chloro-3-methylphenol	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD51

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747309 Lab File ID: 473-09.D

Sample wt/vol: 1.11 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1731

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	361000	U
77-47-4	Hexachlorocyclopentadiene	901000	U
88-06-2	2,4,6-Trichlorophenol	361000	U
95-95-4	2,4,5-Trichlorophenol	361000	U
91-58-7	2-Chloronaphthalene	365000	U
88-74-4	2-Nitroaniline	361000	U
208-96-8	Acenaphthylene	361000	U
131-11-3	Dimethyl-phthalate	361000	U
606-20-2	2,6-Dinitrotoluene	361000	U
83-32-9	Acenaphthene	361000	U
99-09-2	3-Nitroaniline	361000	U
51-28-5	2,4-Dinitrophenol	1810000	U
132-64-9	Dibenzofuran	361000	U
121-14-2	2,4-Dinitrotoluene	361000	U
100-02-7	4-Nitrophenol	901000	U
86-73-7	Fluorene	361000	U
7005-72-3	4-Chlorophenyl-phenylether	361000	U
84-66-2	Diethylphthalate	361000	U
100-01-6	4-Nitroaniline	361000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1800000	U
86-30-6	N-Nitrosodiphenylamine	361000	U
101-55-3	4-Bromophenyl-phenylether	361000	U
118-74-1	Hexachlorobenzene	361000	U
87-86-5	Pentachlorophenol	1800000	U
85-01-8	Phenanthrene	361000	U
120-12-7	Anthracene	361000	U
84-74-2	Di-n-butylphthalate	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD51

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747309 Lab File ID: 473-09.D

Sample wt/vol: 1.11 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1731

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	361000	U
129-00-0	Pyrene	361000	U
92-87-5	Benzidine	905000	U
85-68-7	Butylbenzylphthalate	361000	U
91-94-1	3,3'-Dichlorobenzidine	361000	U
56-55-3	Benzo(a)anthracene	361000	U
218-01-9	Chrysene	361000	U
117-81-7	bis(2-ethylhexyl)phthalate	361000	U
117-84-0	Di-n-octylphthalate	361000	U
205-99-2	Benzo(b)fluoranthene	361000	U
207-08-9	Benzo(k)fluoranthene	361000	U
50-32-8	Benzo(a)pyrene	361000	U
193-39-5	Indeno(1,2,3-cd)pyrene	361000	U
53-70-3	Dibenz(a,h)anthracene	361000	U
191-24-2	Benzo(g,h,i)perylene	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD49

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747310 Lab File ID: 473-10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1803

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	367000	U
62-53-3	Aniline	367000	U
111-44-4	Bis(2-Chloroethyl)ether	367000	U
108-95-2	Phenol	1840000	U
95-57-8	2-Chlorophenol	367000	U
541-73-1	1,3-Dichlorobenzene	367000	U
106-46-7	1,4-Dichlorobenzene	367000	U
95-50-1	1,2-Dichlorobenzene	367000	U
100-51-6	Benzyl alcohol	918000	U
108-60-1	2,2-Oxybis(1-chloropropane)	372000	U
95-48-7	2-Methylphenol (o-Cresol)	367000	U
67-72-1	Hexachloroethane	372000	U
621-64-7	N-Nitroso-di-n-propylamine	367000	U
106-44-5	4-Methylphenol	367000	U
98-95-3	Nitrobenzene	367000	U
78-59-1	Isophorone	367000	U
88-75-5	2-Nitrophenol	367000	U
105-67-9	2,4-Dimethylphenol	367000	U
65-85-0	Benzoic acid	1840000	U
111-91-1	Bis(2-Chloroethoxy)methane	367000	U
120-83-2	2,4-Dichlorophenol	367000	U
120-82-1	1,2,4-Trichlorobenzene	367000	U
91-20-3	Naphthalene	367000	U
106-47-8	4-Chloroaniline	367000	U
91-57-6	2-Methylnaphthalene	367000	U
87-68-3	Hexachlorobutadiene	367000	U
59-50-7	4-Chloro-3-methylphenol	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD49

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747310 Lab File ID: 473-10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1803

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	367000	U
77-47-4	Hexachlorocyclopentadiene	918000	U
88-06-2	2,4,6-Trichlorophenol	367000	U
95-95-4	2,4,5-Trichlorophenol	367000	U
91-58-7	2-Chloronaphthalene	372000	U
88-74-4	2-Nitroaniline	367000	U
208-96-8	Acenaphthylene	367000	U
131-11-3	Dimethyl-phthalate	367000	U
606-20-2	2,6-Dinitrotoluene	367000	U
83-32-9	Acenaphthene	367000	U
99-09-2	3-Nitroaniline	367000	U
51-28-5	2,4-Dinitrophenol	1840000	U
132-64-9	Dibenzofuran	367000	U
121-14-2	2,4-Dinitrotoluene	367000	U
100-02-7	4-Nitrophenol	918000	U
86-73-7	Fluorene	367000	U
7005-72-3	4-Chlorophenyl-phenylether	367000	U
84-66-2	Diethylphthalate	367000	U
100-01-6	4-Nitroaniline	367000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1840000	U
86-30-6	N-Nitrosodiphenylamine	367000	U
101-55-3	4-Bromophenyl-phenylether	367000	U
118-74-1	Hexachlorobenzene	367000	U
87-86-5	Pentachlorophenol	1840000	U
85-01-8	Phenanthrene	367000	U
120-12-7	Anthracene	367000	U
84-74-2	Di-n-butylphthalate	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD49

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747310 Lab File ID: 473-10.D

Sample wt/vol: 1.09 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1803

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	367000	U
129-00-0	Pyrene	367000	U
92-87-5	Benzidine	922000	U
85-68-7	Butylbenzylphthalate	367000	U
91-94-1	3,3'-Dichlorobenzidine	367000	U
56-55-3	Benzo(a)anthracene	367000	U
218-01-9	Chrysene	367000	U
117-81-7	bis(2-ethylhexyl)phthalate	367000	U
117-84-0	Di-n-octylphthalate	367000	U
205-99-2	Benzo(b)fluoranthene	367000	U
207-08-9	Benzo(k)fluoranthene	367000	U
50-32-8	Benzo(a)pyrene	367000	U
193-39-5	Indeno(1,2,3-cd)pyrene	367000	U
53-70-3	Dibenz(a,h)anthracene	367000	U
191-24-2	Benzo(g,h,i)perylene	367000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD52

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747311 Lab File ID: 473-11.D

Sample wt/vol: 1.31 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1836

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	306000	U
62-53-3	Aniline	306000	U
111-44-4	Bis(2-Chloroethyl)ether	306000	U
108-95-2	Phenol	1530000	U
95-57-8	2-Chlorophenol	306000	U
541-73-1	1,3-Dichlorobenzene	306000	U
106-46-7	1,4-Dichlorobenzene	306000	U
95-50-1	1,2-Dichlorobenzene	306000	U
100-51-6	Benzyl alcohol	764000	U
108-60-1	2,2-Oxybis(1-chloropropane)	309000	U
95-48-7	2-Methylphenol (o-Cresol)	306000	U
67-72-1	Hexachloroethane	309000	U
621-64-7	N-Nitroso-di-n-propylamine	306000	U
106-44-5	4-Methylphenol	306000	U
98-95-3	Nitrobenzene	306000	U
78-59-1	Isophorone	306000	U
88-75-5	2-Nitrophenol	306000	U
105-67-9	2,4-Dimethylphenol	306000	U
65-85-0	Benzoic acid	1530000	U
111-91-1	Bis(2-Chloroethoxy)methane	306000	U
120-83-2	2,4-Dichlorophenol	306000	U
120-82-1	1,2,4-Trichlorobenzene	306000	U
91-20-3	Naphthalene	306000	U
106-47-8	4-Chloroaniline	306000	U
91-57-6	2-Methylnaphthalene	306000	U
87-68-3	Hexachlorobutadiene	306000	U
59-50-7	4-Chloro-3-methylphenol	306000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD52

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747311 Lab File ID: 473-11.D

Sample wt/vol: 1.31 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1836

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	306000	U
77-47-4	Hexachlorocyclopentadiene	764000	U
88-06-2	2,4,6-Trichlorophenol	306000	U
95-95-4	2,4,5-Trichlorophenol	306000	U
91-58-7	2-Chloronaphthalene	309000	U
88-74-4	2-Nitroaniline	306000	U
208-96-8	Acenaphthylene	306000	U
131-11-3	Dimethyl-phthalate	306000	U
606-20-2	2,6-Dinitrotoluene	306000	U
83-32-9	Acenaphthene	306000	U
99-09-2	3-Nitroaniline	306000	U
51-28-5	2,4-Dinitrophenol	1530000	U
132-64-9	Dibenzofuran	306000	U
121-14-2	2,4-Dinitrotoluene	306000	U
100-02-7	4-Nitrophenol	764000	U
86-73-7	Fluorene	306000	U
7005-72-3	4-Chlorophenyl-phenylether	306000	U
84-66-2	Diethylphthalate	306000	U
100-01-6	4-Nitroaniline	306000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1530000	U
86-30-6	N-Nitrosodiphenylamine	306000	U
101-55-3	4-Bromophenyl-phenylether	306000	U
118-74-1	Hexachlorobenzene	306000	U
87-86-5	Pentachlorophenol	1530000	U
85-01-8	Phenanthrene	306000	U
120-12-7	Anthracene	306000	U
84-74-2	Di-n-butylphthalate	306000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD52

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747311 Lab File ID: 473-11.D

Sample wt/vol: 1.31 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1836

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	306000	U
129-00-0	Pyrene	306000	U
92-87-5	Benzidine	767000	U
85-68-7	Butylbenzylphthalate	306000	U
91-94-1	3,3'-Dichlorobenzidine	306000	U
56-55-3	Benzo(a)anthracene	306000	U
218-01-9	Chrysene	306000	U
117-81-7	bis(2-ethylhexyl)phthalate	306000	U
117-84-0	Di-n-octylphthalate	306000	U
205-99-2	Benzo(b)fluoranthene	306000	U
207-08-9	Benzo(k)fluoranthene	306000	U
50-32-8	Benzo(a)pyrene	306000	U
193-39-5	Indeno(1,2,3-cd)pyrene	306000	U
53-70-3	Dibenz(a,h)anthracene	306000	U
191-24-2	Benzo(g,h,i)perylene	306000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD50

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747312 Lab File ID: 473-12.D

Sample wt/vol: 1.06 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1909

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	378000	U
62-53-3	Aniline	378000	U
111-44-4	Bis(2-Chloroethyl)ether	378000	U
108-95-2	Phenol	1890000	U
95-57-8	2-Chlorophenol	378000	U
541-73-1	1,3-Dichlorobenzene	378000	U
106-46-7	1,4-Dichlorobenzene	378000	U
95-50-1	1,2-Dichlorobenzene	378000	U
100-51-6	Benzyl alcohol	944000	U
108-60-1	2,2-Oxybis(1-chloropropane)	382000	U
95-48-7	2-Methylphenol (o-Cresol)	378000	U
67-72-1	Hexachloroethane	382000	U
621-64-7	N-Nitroso-di-n-propylamine	378000	U
106-44-5	4-Methylphenol	378000	U
98-95-3	Nitrobenzene	378000	U
78-59-1	Isophorone	378000	U
88-75-5	2-Nitrophenol	378000	U
105-67-9	2,4-Dimethylphenol	378000	U
65-85-0	Benzoic acid	1890000	U
111-91-1	Bis(2-Chloroethoxy)methane	378000	U
120-83-2	2,4-Dichlorophenol	378000	U
120-82-1	1,2,4-Trichlorobenzene	378000	U
91-20-3	Naphthalene	378000	U
106-47-8	4-Chloroaniline	378000	U
91-57-6	2-Methylnaphthalene	378000	U
87-68-3	Hexachlorobutadiene	378000	U
59-50-7	4-Chloro-3-methylphenol	378000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD50

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747312 Lab File ID: 473-12.D

Sample wt/vol: 1.06 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1909

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	378000	U
77-47-4	Hexachlorocyclopentadiene	944000	U
88-06-2	2,4,6-Trichlorophenol	378000	U
95-95-4	2,4,5-Trichlorophenol	378000	U
91-58-7	2-Chloronaphthalene	382000	U
88-74-4	2-Nitroaniline	378000	U
208-96-8	Acenaphthylene	378000	U
131-11-3	Dimethyl-phthalate	378000	U
606-20-2	2,6-Dinitrotoluene	378000	U
83-32-9	Acenaphthene	378000	U
99-09-2	3-Nitroaniline	378000	U
51-28-5	2,4-Dinitrophenol	1900000	U
132-64-9	Dibenzofuran	378000	U
121-14-2	2,4-Dinitrotoluene	378000	U
100-02-7	4-Nitrophenol	944000	U
86-73-7	Fluorene	378000	U
7005-72-3	4-Chlorophenyl-phenylether	378000	U
84-66-2	Diethylphthalate	378000	U
100-01-6	4-Nitroaniline	378000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1890000	U
86-30-6	N-Nitrosodiphenylamine	378000	U
101-55-3	4-Bromophenyl-phenylether	378000	U
118-74-1	Hexachlorobenzene	378000	U
87-86-5	Pentachlorophenol	1890000	U
85-01-8	Phenanthrene	378000	U
120-12-7	Anthracene	378000	U
84-74-2	Di-n-butylphthalate	378000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD50

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747312 Lab File ID: 473-12.D

Sample wt/vol: 1.06 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1909

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	378000	U
129-00-0	Pyrene	378000	U
92-87-5	Benzidine	948000	U
85-68-7	Butylbenzylphthalate	378000	U
91-94-1	3,3'-Dichlorobenzidine	378000	U
56-55-3	Benzo(a)anthracene	378000	U
218-01-9	Chrysene	378000	U
117-81-7	bis(2-ethylhexyl)phthalate	378000	U
117-84-0	Di-n-octylphthalate	378000	U
205-99-2	Benzo(b)fluoranthene	378000	U
207-08-9	Benzo(k)fluoranthene	378000	U
50-32-8	Benzo(a)pyrene	378000	U
193-39-5	Indeno(1,2,3-cd)pyrene	378000	U
53-70-3	Dibenz(a,h)anthracene	378000	U
191-24-2	Benzo(g,h,i)perylene	378000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD48

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747313 Lab File ID: 473-13.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2034

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD48

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747313 Lab File ID: 473-13.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2034

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD48

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747313 Lab File ID: 473-13.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2034

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD47

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747314 Lab File ID: 473-14.D

Sample wt/vol: 1.16 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2106

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	345000	U
62-53-3	Aniline	345000	U
111-44-4	Bis(2-Chloroethyl)ether	345000	U
108-95-2	Phenol	1720000	U
95-57-8	2-Chlorophenol	345000	U
541-73-1	1,3-Dichlorobenzene	345000	U
106-46-7	1,4-Dichlorobenzene	345000	U
95-50-1	1,2-Dichlorobenzene	345000	U
100-51-6	Benzyl alcohol	862000	U
108-60-1	2,2-Oxybis(1-chloropropane)	349000	U
95-48-7	2-Methylphenol (o-Cresol)	345000	U
67-72-1	Hexachloroethane	349000	U
621-64-7	N-Nitroso-di-n-propylamine	345000	U
106-44-5	4-Methylphenol	345000	U
98-95-3	Nitrobenzene	345000	U
78-59-1	Isophorone	345000	U
88-75-5	2-Nitrophenol	345000	U
105-67-9	2,4-Dimethylphenol	345000	U
65-85-0	Benzoic acid	1720000	U
111-91-1	Bis(2-Chloroethoxy)methane	345000	U
120-83-2	2,4-Dichlorophenol	345000	U
120-82-1	1,2,4-Trichlorobenzene	345000	U
91-20-3	Naphthalene	345000	U
106-47-8	4-Chloroaniline	345000	U
91-57-6	2-Methylnaphthalene	345000	U
87-68-3	Hexachlorobutadiene	345000	U
59-50-7	4-Chloro-3-methylphenol	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD47

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747314 Lab File ID: 473-14.D

Sample wt/vol: 1.16 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2106

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	345000	U
77-47-4	Hexachlorocyclopentadiene	862000	U
88-06-2	2,4,6-Trichlorophenol	345000	U
95-95-4	2,4,5-Trichlorophenol	345000	U
91-58-7	2-Chloronaphthalene	349000	U
88-74-4	2-Nitroaniline	345000	U
208-96-8	Acenaphthylene	345000	U
131-11-3	Dimethyl-phthalate	345000	U
606-20-2	2,6-Dinitrotoluene	345000	U
83-32-9	Acenaphthene	345000	U
99-09-2	3-Nitroaniline	345000	U
51-28-5	2,4-Dinitrophenol	1730000	U
132-64-9	Dibenzofuran	345000	U
121-14-2	2,4-Dinitrotoluene	345000	U
100-02-7	4-Nitrophenol	862000	U
86-73-7	Fluorene	345000	U
7005-72-3	4-Chlorophenyl-phenylether	345000	U
84-66-2	Diethylphthalate	345000	U
100-01-6	4-Nitroaniline	345000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1720000	U
86-30-6	N-Nitrosodiphenylamine	345000	U
101-55-3	4-Bromophenyl-phenylether	345000	U
118-74-1	Hexachlorobenzene	345000	U
87-86-5	Pentachlorophenol	1720000	U
85-01-8	Phenanthrene	345000	U
120-12-7	Anthracene	345000	U
84-74-2	Di-n-butylphthalate	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD47

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747314 Lab File ID: 473-14.D

Sample wt/vol: 1.16 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2106

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	345000	U
129-00-0	Pyrene	345000	U
92-87-5	Benzidine	866000	U
85-68-7	Butylbenzylphthalate	345000	U
91-94-1	3,3'-Dichlorobenzidine	345000	U
56-55-3	Benzo(a)anthracene	345000	U
218-01-9	Chrysene	345000	U
117-81-7	bis(2-ethylhexyl)phthalate	345000	U
117-84-0	Di-n-octylphthalate	345000	U
205-99-2	Benzo(b)fluoranthene	345000	U
207-08-9	Benzo(k)fluoranthene	345000	U
50-32-8	Benzo(a)pyrene	345000	U
193-39-5	Indeno(1,2,3-cd)pyrene	345000	U
53-70-3	Dibenz(a,h)anthracene	345000	U
191-24-2	Benzo(g,h,i)perylene	345000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD55

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747315 Lab File ID: 473-15.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2138

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	358000	U
62-53-3	Aniline	358000	U
111-44-4	Bis(2-Chloroethyl)ether	358000	U
108-95-2	Phenol	1790000	U
95-57-8	2-Chlorophenol	358000	U
541-73-1	1,3-Dichlorobenzene	358000	U
106-46-7	1,4-Dichlorobenzene	358000	U
95-50-1	1,2-Dichlorobenzene	358000	U
100-51-6	Benzyl alcohol	893000	U
108-60-1	2,2-Oxybis(1-chloropropane)	362000	U
95-48-7	2-Methylphenol (o-Cresol)	358000	U
67-72-1	Hexachloroethane	362000	U
621-64-7	N-Nitroso-di-n-propylamine	358000	U
106-44-5	4-Methylphenol	358000	U
98-95-3	Nitrobenzene	358000	U
78-59-1	Isophorone	358000	U
88-75-5	2-Nitrophenol	358000	U
105-67-9	2,4-Dimethylphenol	358000	U
65-85-0	Benzoic acid	1790000	U
111-91-1	Bis(2-Chloroethoxy)methane	358000	U
120-83-2	2,4-Dichlorophenol	358000	U
120-82-1	1,2,4-Trichlorobenzene	358000	U
91-20-3	Naphthalene	358000	U
106-47-8	4-Chloroaniline	358000	U
91-57-6	2-Methylnaphthalene	358000	U
87-68-3	Hexachlorobutadiene	358000	U
59-50-7	4-Chloro-3-methylphenol	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD55

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747315 Lab File ID: 473-15.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2138

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	358000	U
77-47-4	Hexachlorocyclopentadiene	893000	U
88-06-2	2,4,6-Trichlorophenol	358000	U
95-95-4	2,4,5-Trichlorophenol	358000	U
91-58-7	2-Chloronaphthalene	362000	U
88-74-4	2-Nitroaniline	358000	U
208-96-8	Acenaphthylene	358000	U
131-11-3	Dimethyl-phthalate	358000	U
606-20-2	2,6-Dinitrotoluene	358000	U
83-32-9	Acenaphthene	358000	U
99-09-2	3-Nitroaniline	358000	U
51-28-5	2,4-Dinitrophenol	1790000	U
132-64-9	Dibenzofuran	358000	U
121-14-2	2,4-Dinitrotoluene	358000	U
100-02-7	4-Nitrophenol	893000	U
86-73-7	Fluorene	358000	U
7005-72-3	4-Chlorophenyl-phenylether	358000	U
84-66-2	Diethylphthalate	358000	U
100-01-6	4-Nitroaniline	358000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1790000	U
86-30-6	N-Nitrosodiphenylamine	358000	U
101-55-3	4-Bromophenyl-phenylether	358000	U
118-74-1	Hexachlorobenzene	358000	U
87-86-5	Pentachlorophenol	1790000	U
85-01-8	Phenanthrene	358000	U
120-12-7	Anthracene	358000	U
84-74-2	Di-n-butylphthalate	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD55

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747315 Lab File ID: 473-15.D

Sample wt/vol: 1.12 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2138

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	358000	U
129-00-0	Pyrene	358000	U
92-87-5	Benzidine	897000	U
85-68-7	Butylbenzylphthalate	358000	U
91-94-1	3,3'-Dichlorobenzidine	358000	U
56-55-3	Benzo(a)anthracene	358000	U
218-01-9	Chrysene	358000	U
117-81-7	bis(2-ethylhexyl)phthalate	358000	U
117-84-0	Di-n-octylphthalate	358000	U
205-99-2	Benzo(b)fluoranthene	358000	U
207-08-9	Benzo(k)fluoranthene	358000	U
50-32-8	Benzo(a)pyrene	358000	U
193-39-5	Indeno(1,2,3-cd)pyrene	358000	U
53-70-3	Dibenz(a,h)anthracene	358000	U
191-24-2	Benzo(g,h,i)perylene	358000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD282

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747316 Lab File ID: 473-16.D

Sample wt/vol: 1.32 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1518

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	303000	U
62-53-3	Aniline	303000	U
111-44-4	Bis(2-Chloroethyl)ether	303000	U
108-95-2	Phenol	1520000	U
95-57-8	2-Chlorophenol	303000	U
541-73-1	1,3-Dichlorobenzene	303000	U
106-46-7	1,4-Dichlorobenzene	303000	U
95-50-1	1,2-Dichlorobenzene	303000	U
100-51-6	Benzyl alcohol	758000	U
108-60-1	2,2-Oxybis(1-chloropropane)	307000	U
95-48-7	2-Methylphenol (o-Cresol)	303000	U
67-72-1	Hexachloroethane	307000	U
621-64-7	N-Nitroso-di-n-propylamine	303000	U
106-44-5	4-Methylphenol	303000	U
98-95-3	Nitrobenzene	303000	U
78-59-1	Isophorone	303000	U
88-75-5	2-Nitrophenol	303000	U
105-67-9	2,4-Dimethylphenol	303000	U
65-85-0	Benzoic acid	1520000	U
111-91-1	Bis(2-Chloroethoxy)methane	303000	U
120-83-2	2,4-Dichlorophenol	303000	U
120-82-1	1,2,4-Trichlorobenzene	303000	U
91-20-3	Naphthalene	303000	U
106-47-8	4-Chloroaniline	303000	U
91-57-6	2-Methylnaphthalene	303000	U
87-68-3	Hexachlorobutadiene	303000	U
59-50-7	4-Chloro-3-methylphenol	303000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD282

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747316 Lab File ID: 473-16.D

Sample wt/vol: 1.32 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1518

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	303000	U
77-47-4	Hexachlorocyclopentadiene	758000	U
88-06-2	2,4,6-Trichlorophenol	303000	U
95-95-4	2,4,5-Trichlorophenol	303000	U
91-58-7	2-Chloronaphthalene	307000	U
88-74-4	2-Nitroaniline	303000	U
208-96-8	Acenaphthylene	303000	U
131-11-3	Dimethyl-phthalate	303000	U
606-20-2	2,6-Dinitrotoluene	303000	U
83-32-9	Acenaphthene	303000	U
99-09-2	3-Nitroaniline	303000	U
51-28-5	2,4-Dinitrophenol	1520000	U
132-64-9	Dibenzofuran	303000	U
121-14-2	2,4-Dinitrotoluene	303000	U
100-02-7	4-Nitrophenol	758000	U
86-73-7	Fluorene	303000	U
7005-72-3	4-Chlorophenyl-phenylether	303000	U
84-66-2	Diethylphthalate	303000	U
100-01-6	4-Nitroaniline	303000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1520000	U
86-30-6	N-Nitrosodiphenylamine	303000	U
101-55-3	4-Bromophenyl-phenylether	303000	U
118-74-1	Hexachlorobenzene	303000	U
87-86-5	Pentachlorophenol	1520000	U
85-01-8	Phenanthrene	303000	U
120-12-7	Anthracene	303000	U
84-74-2	Di-n-butylphthalate	303000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD282

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747316 Lab File ID: 473-16.D

Sample wt/vol: 1.32 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1518

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	303000	U
129-00-0	Pyrene	303000	U
92-87-5	Benzidine	761000	U
85-68-7	Butylbenzylphthalate	303000	U
91-94-1	3,3'-Dichlorobenzidine	303000	U
56-55-3	Benzo(a)anthracene	303000	U
218-01-9	Chrysene	303000	U
117-81-7	bis(2-ethylhexyl)phthalate	303000	U
117-84-0	Di-n-octylphthalate	303000	U
205-99-2	Benzo(b)fluoranthene	303000	U
207-08-9	Benzo(k)fluoranthene	303000	U
50-32-8	Benzo(a)pyrene	303000	U
193-39-5	Indeno(1,2,3-cd)pyrene	303000	U
53-70-3	Dibenz(a,h)anthracene	303000	U
191-24-2	Benzo(g,h,i)perylene	303000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD69

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747317 Lab File ID: 473-17.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2242

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD69

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747317 Lab File ID: 473-17.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2242

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD69

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747317 Lab File ID: 473-17.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/14/07 Time: 2242

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD70

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747318 Lab File ID: 473-18.D

Sample wt/vol: 1.25 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1550

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	320000	U
62-53-3	Aniline	320000	U
111-44-4	Bis(2-Chloroethyl)ether	320000	U
108-95-2	Phenol	1600000	U
95-57-8	2-Chlorophenol	320000	U
541-73-1	1,3-Dichlorobenzene	320000	U
106-46-7	1,4-Dichlorobenzene	320000	U
95-50-1	1,2-Dichlorobenzene	320000	U
100-51-6	Benzyl alcohol	800000	U
108-60-1	2,2-Oxybis(1-chloropropane)	324000	U
95-48-7	2-Methylphenol (o-Cresol)	320000	U
67-72-1	Hexachloroethane	324000	U
621-64-7	N-Nitroso-di-n-propylamine	320000	U
106-44-5	4-Methylphenol	320000	U
98-95-3	Nitrobenzene	320000	U
78-59-1	Isophorone	320000	U
88-75-5	2-Nitrophenol	320000	U
105-67-9	2,4-Dimethylphenol	320000	U
65-85-0	Benzoic acid	1600000	U
111-91-1	Bis(2-Chloroethoxy)methane	320000	U
120-83-2	2,4-Dichlorophenol	320000	U
120-82-1	1,2,4-Trichlorobenzene	320000	U
91-20-3	Naphthalene	320000	U
106-47-8	4-Chloroaniline	320000	U
91-57-6	2-Methylnaphthalene	320000	U
87-68-3	Hexachlorobutadiene	320000	U
59-50-7	4-Chloro-3-methylphenol	320000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD70

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747318 Lab File ID: 473-18.D

Sample wt/vol: 1.25 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1550

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	320000	U
77-47-4	Hexachlorocyclopentadiene	800000	U
88-06-2	2,4,6-Trichlorophenol	320000	U
95-95-4	2,4,5-Trichlorophenol	320000	U
91-58-7	2-Chloronaphthalene	324000	U
88-74-4	2-Nitroaniline	320000	U
208-96-8	Acenaphthylene	320000	U
131-11-3	Dimethyl-phthalate	320000	U
606-20-2	2,6-Dinitrotoluene	320000	U
83-32-9	Acenaphthene	320000	U
99-09-2	3-Nitroaniline	320000	U
51-28-5	2,4-Dinitrophenol	1610000	U
132-64-9	Dibenzofuran	320000	U
121-14-2	2,4-Dinitrotoluene	320000	U
100-02-7	4-Nitrophenol	800000	U
86-73-7	Fluorene	320000	U
7005-72-3	4-Chlorophenyl-phenylether	320000	U
84-66-2	Diethylphthalate	320000	U
100-01-6	4-Nitroaniline	320000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1600000	U
86-30-6	N-Nitrosodiphenylamine	320000	U
101-55-3	4-Bromophenyl-phenylether	320000	U
118-74-1	Hexachlorobenzene	320000	U
87-86-5	Pentachlorophenol	1600000	U
85-01-8	Phenanthrene	320000	U
120-12-7	Anthracene	320000	U
84-74-2	Di-n-butylphthalate	320000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD70

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747318 Lab File ID: 473-18.D

Sample wt/vol: 1.25 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/15/07 Time: 1550

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	320000	U
129-00-0	Pyrene	320000	U
92-87-5	Benzidine	804000	U
85-68-7	Butylbenzylphthalate	320000	U
91-94-1	3,3'-Dichlorobenzidine	320000	U
56-55-3	Benzo(a)anthracene	320000	U
218-01-9	Chrysene	320000	U
117-81-7	bis(2-ethylhexyl)phthalate	320000	U
117-84-0	Di-n-octylphthalate	320000	U
205-99-2	Benzo(b)fluoranthene	320000	U
207-08-9	Benzo(k)fluoranthene	320000	U
50-32-8	Benzo(a)pyrene	320000	U
193-39-5	Indeno(1,2,3-cd)pyrene	320000	U
53-70-3	Dibenz(a,h)anthracene	320000	U
191-24-2	Benzo(g,h,i)perylene	320000	U

QC Summary

170907 1602

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3390BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 248089 Lab File ID: 3390BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/31/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1028

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3390BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 248089 Lab File ID: 3390BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/31/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1028

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3390BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 248089 Lab File ID: 3390BLK.D

Sample wt/vol: 1 Units: G Date Received: 08/31/07

Concentrated Extract Volume: 10 Date Extracted: 08/31/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1028

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3390LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	40000	45000	112.0		30.0	48 - 115
Aniline	40000	37900	94.8		30.0	47 - 140
Bis(2-Chloroethyl)ether	40000	35200	88.0		30.0	61 - 105
Phenol	40000	41600	104.0 *		23.0	46 - 100
2-Chlorophenol	40000	41500	104.0		24.0	54 - 105
1,3-Dichlorobenzene	40000	45800	114.0 *		26.0	67 - 100
1,4-Dichlorobenzene	40000	45500	114.0 *		27.0	62 - 105
1,2-Dichlorobenzene	40000	45600	114.0 *		30.0	65 - 95
Benzyl alcohol	40000	58800	147.0 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	40000	42500	106.0		30.0	52 - 115
2-Methylphenol (o-Cresol)	40000	40300	101.0		30.0	58 - 105
Hexachloroethane	40000	47000	118.0 *		28.0	65 - 110
N-Nitroso-di-n-propylamine	40000	41100	103.0		28.0	59 - 115
4-Methylphenol	40000	34400	86.0		26.0	57 - 105
Nitrobenzene	40000	41200	103.0		27.0	71 - 115
Isophorone	40000	42500	106.0		30.0	69 - 110
2-Nitrophenol	40000	43100	108.0		20.0	61 - 110
2,4-Dimethylphenol	40000	41200	103.0		30.0	65 - 105
Benzoic acid	80000	0	0.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	40000	35900	89.8		30.0	70 - 110
2,4-Dichlorophenol	40000	39600	99.0		29.0	64 - 110
1,2,4-Trichlorobenzene	40000	45500	114.0 *		29.0	71 - 110
Naphthalene	40000	45000	112.0 *		23.0	67 - 105
4-Chloroaniline	40000	38100	95.2 *		30.0	57 - 95
2-Methylnaphthalene	40000	46000	115.0 *		22.0	72 - 105
Hexachlorobutadiene	40000	43000	108.0		27.0	79 - 115
4-Chloro-3-methylphenol	40000	33400	83.5		30.0	62 - 115
1-Methylnaphthalene	40000	45600	114.0		25.0	67 - 145
Hexachlorocyclopentadiene	40000	25900	64.8		44.0	34 - 139
2,4,6-Trichlorophenol	40000	41000	102.0		30.0	62 - 110
2,4,5-Trichlorophenol	40000	37000	92.5		29.0	61 - 110
2-Chloronaphthalene	40000	44900	112.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

170907 1602

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3390LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	40000	35700	89.2		23.0	71 - 120
Acenaphthylene	40000	42700	107.0 *		21.0	66 - 105
Dimethyl-phthalate	40000	43400	108.0		30.0	69 - 110
2,6-Dinitrotoluene	40000	38800	97.0		30.0	73 - 110
Acenaphthene	40000	43200	108.0		28.0	65 - 110
3-Nitroaniline	40000	45800	114.0 *		30.0	76 - 110
2,4-Dinitrophenol	80000	0	0.0 *		30.0	29 - 130
Dibenzofuran	40000	45600	114.0 *		28.0	75 - 105
2,4-Dinitrotoluene	40000	41600	104.0		29.0	77 - 115
4-Nitrophenol	40000	13700	34.2 *		30.0	52 - 140
Fluorene	40000	44000	110.0		28.0	67 - 110
4-Chlorophenyl-phenylether	40000	45300	113.0 *		30.0	65 - 110
Diethylphthalate	40000	43800	110.0		28.0	68 - 115
4-Nitroaniline	40000	80800	202.0 *		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	40000	18600	46.5		28.0	34 - 135
N-Nitrosodiphenylamine	40000	48500	121.0 *		23.0	77 - 115
4-Bromophenyl-phenylether	40000	45000	112.0		30.0	59 - 115
Hexachlorobenzene	40000	46300	116.0		28.0	77 - 120
Pentachlorophenol	40000	41900	105.0		30.0	36 - 120
Phenanthrene	40000	44300	111.0 *		25.0	67 - 110
Anthracene	40000	44300	111.0 *		19.0	67 - 105
Di-n-butylphthalate	40000	40900	102.0		29.0	67 - 110
Fluoranthene	40000	45600	114.0		21.0	74 - 115
Pyrene	40000	43200	108.0		20.0	67 - 125
Benzidine	40000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	40000	36600	91.5		30.0	66 - 125
3,3'-Dichlorobenzidine	40000	42700	107.0		30.0	41 - 130
Benzo(a)anthracene	40000	40200	100.0		29.0	67 - 110
Chrysene	40000	45100	113.0 *		30.0	65 - 110
bis(2-ethylhexyl)phthalate	40000	36400	91.0		30.0	65 - 125
Di-n-octylphthalate	40000	32700	81.8		30.0	64 - 130
Benzo(b)fluoranthene	40000	37200	93.0		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

170907 1602

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3390LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	40000	43600	109.0		28.0	53 - 125
Benzo(a)pyrene	40000	39400	98.5		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	40000	26600	66.5		30.0	40 - 120
Dibenz(a,h)anthracene	40000	31600	79.0		30.0	40 - 125
Benzo(g,h,i)perylene	40000	35500	88.8		23.0	41 - 125

Spike Recovery: 24 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

170907 1602

Form III

GC/ECD PCB ORGANICS

METHOD 8082

170907 1602

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3550 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD280 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 164 % with criteria of (33-140).

Since the surrogate recoveries were above QC limits and none of the associated samples had target compounds found above RL, it can be assured that had the analytes been in the samples they would have been detected, so no further action was taken.

Samples coded accordingly.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.
Sample NPPD43 required a 1:10 dilution due to sample matrix interference.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/17/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Method: 8082

EPA Sample No	Lab Sample ID
NPPD279	250747301
NPPD280	250747302
NPPD278	250747303
NPPD45	250747304
NPPD44	250747305
NPPD43	250747306
NPPD54	250747307
NPPD53	250747308
NPPD51	250747309
NPPD49	250747310
NPPD52	250747311
NPPD50	250747312
NPPD48	250747313
NPPD47	250747314
NPPD55	250747315
NPPD282	250747316
NPPD69	250747317
NPPD70	250747318

170907 1602

Sample Data

170907 1602

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD279

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747301 Lab File ID: 473-01.D

Sample wt/vol: 1.03 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1838

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD280

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747302 Lab File ID: 473-02.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1909

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD278

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747303 Lab File ID: 473-03.D

Sample wt/vol: 1.3 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1941

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	350	U
11096-82-5	Aroclor-1260	350	U
11104-28-2	Aroclor-1221	350	U
11141-16-5	Aroclor-1232	350	U
53469-21-9	Aroclor-1242	350	U
12672-29-6	Aroclor-1248	350	U
11097-69-1	Aroclor-1254	350	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD45

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747304 Lab File ID: 473-04.D

Sample wt/vol: 1.05 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2012

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747305 Lab File ID: 473-05.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2044

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD43

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747306 Lab File ID: 473-6D10.D

Sample wt/vol: 1.01 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1038

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4400	U
11096-82-5	Aroclor-1260	4400	U
11104-28-2	Aroclor-1221	4400	U
11141-16-5	Aroclor-1232	4400	U
53469-21-9	Aroclor-1242	4400	U
12672-29-6	Aroclor-1248	4400	U
11097-69-1	Aroclor-1254	4400	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD54

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747307 Lab File ID: 473-07.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2147

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD53

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747308 Lab File ID: 473-08.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2218

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD51

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747309 Lab File ID: 473-09.D

Sample wt/vol: 1.02 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2250

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD49

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747310 Lab File ID: 473-10.D

Sample wt/vol: 1.02 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2321

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD52

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747311 Lab File ID: 473-11.D

Sample wt/vol: 1.04 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0040

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD50

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747312 Lab File ID: 473-12.D

Sample wt/vol: 1.02 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0112

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD48

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747313 Lab File ID: 473-13.D

Sample wt/vol: 1.07 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0143

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	420	U
11096-82-5	Aroclor-1260	420	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD47

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747314 Lab File ID: 473-14.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0215

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD55

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747315 Lab File ID: 473-15.D

Sample wt/vol: 1.02 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0246

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD282

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747316 Lab File ID: 473-16.D

Sample wt/vol: 1.02 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0318

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD69

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747317 Lab File ID: 473-17.D

Sample wt/vol: 1.03 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0349

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD70

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747318 Lab File ID: 473-18.D

Sample wt/vol: 1.03 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0421

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

QC Summary

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 400BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 248187 Lab File ID: 400BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/04/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 1647

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

400LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	9840	98.4		21.0	40 - 140
Aroclor-1260	10000	10100	101.0		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

All acceptance criteria were met.

F. Samples:

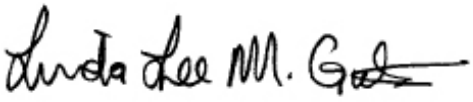
Sample analysis proceeded normally.

Sample NPPD278 required a 1:2 dilution due to matrix interference with the following analyte(s): Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Thallium, Vanadium, Zinc.
Sample NPPD278 required a 1:20 dilution due to high concentration of the following analyte(s): Sodium.

Sample NPPD44 required a 1:5 dilution due to matrix interference with the following analyte(s): Arsenic.

Sample NPPD45 required a 1:10 dilution due to high concentration of the following analyte(s): Sodium.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **09/10/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507473

Client: T N & Associates, Inc.

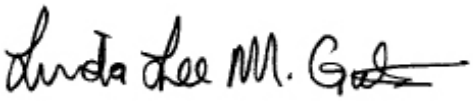
D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 09/05/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507473

SOW No.:

EPA Sample No	Lab Sample ID
NPPD279	250747301
NPPD280	250747302
NPPD278	250747303
NPPD278DL1	250747303DL1
NPPD45	250747304
NPPD45DL1	250747304DL1
NPPD44	250747305
NPPD44DL1	250747305DL1
NPPD43	250747306
NPPD54	250747307
NPPD53	250747308
NPPD51	250747309
NPPD49	250747310
NPPD52	250747311
NPPD50	250747312
NPPD48	250747313
NPPD47	250747314
NPPD55	250747315
NPPD282	250747316
NPPD69	250747317
NPPD70	250747318

Were ICP interelement corrections applied? Yes/No Yes

Were ICP background corrections applied? Yes/No Yes

If yes - were raw data generated before application of background corrections? Yes/No No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD279

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747301

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	0.222	U		P
7440-38-2	Arsenic	0.482	U		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0482	U		P
7440-70-2	Calcium	10.4			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0482	U		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	15.3			P
7439-92-1	Lead	0.328	U		P
7439-95-4	Magnesium	2.89	U		P
7439-96-5	Manganese	0.154	U		P
7439-97-6	Mercury	0.002	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	4.82	U		P
7782-49-2	Selenium	0.482	U		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	9.63	U		P
7440-28-0	Thallium	0.318	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD279

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747301

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	1.91			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD280

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747302

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	0.361	B		P
7440-38-2	Arsenic	0.484	U		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	4.04	B		P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	0.706	B		P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	2.9	U		P
7439-96-5	Manganese	0.155	U		P
7439-97-6	Mercury	0.00196	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	446			P
7782-49-2	Selenium	0.484	U		P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	434			P
7440-28-0	Thallium	0.319	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD280

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747302

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	0.319	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD278

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747303

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3.88	U		P
7440-36-0	Antimony	4.68			P
7440-38-2	Arsenic	0.924	U		P
7440-39-3	Barium	0.296	U		P
7440-41-7	Beryllium	0.296	U		P
7440-43-9	Cadmium	0.155	B		P
7440-70-2	Calcium	6.1	U		P
7440-47-3	Chromium	0.296	U		P
7440-48-4	Cobalt	0.0924	U		P
7440-50-8	Copper	0.296	U		P
7439-89-6	Iron	128			P
7439-92-1	Lead	0.628	U		P
7439-95-4	Magnesium	5.54	U		P
7439-96-5	Manganese	1.21			P
7439-97-6	Mercury	0.00207	U		CV
7440-02-0	Nickel	0.296	U		P
7440-09-7	Potassium	90.3	B		P
7782-49-2	Selenium	0.924	U		P
7440-22-4	Silver	0.296	U		P
7440-28-0	Thallium	0.61	U		P
7440-62-2	Vanadium	0.296	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD278

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747303

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.61	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD278DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747303DL1

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	282000			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD45

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747304

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.97	U		P
7440-36-0	Antimony	0.215	U		P
7440-38-2	Arsenic	0.468	U		P
7440-39-3	Barium	1.16			P
7440-41-7	Beryllium	0.15	U		P
7440-43-9	Cadmium	0.0468	U		P
7440-70-2	Calcium	25.4			P
7440-47-3	Chromium	2.17			P
7440-48-4	Cobalt	0.0468	U		P
7440-50-8	Copper	0.262	B		P
7439-89-6	Iron	12.8			P
7439-92-1	Lead	0.409	B		P
7439-95-4	Magnesium	3.76	B		P
7439-96-5	Manganese	0.248	B		P
7439-97-6	Mercury	0.00199	U		CV
7440-02-0	Nickel	1.25			P
7440-09-7	Potassium	147			P
7782-49-2	Selenium	0.74	B		P
7440-22-4	Silver	0.15	U		P
7440-28-0	Thallium	0.309	U		P
7440-62-2	Vanadium	0.15	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD45

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747304

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	4.43			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD45DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747304DL1

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-23-5	Sodium	131000			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747305

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2	U		P
7440-36-0	Antimony	0.219	U		P
7440-39-3	Barium	0.152	U		P
7440-41-7	Beryllium	0.152	U		P
7440-43-9	Cadmium	0.0475	U		P
7440-70-2	Calcium	3.14	U		P
7440-47-3	Chromium	0.152	U		P
7440-48-4	Cobalt	0.0475	U		P
7440-50-8	Copper	0.152	U		P
7439-89-6	Iron	2	B		P
7439-92-1	Lead	0.323	U		P
7439-95-4	Magnesium	2.85	U		P
7439-96-5	Manganese	0.152	U		P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.152	U		P
7440-09-7	Potassium	9.7	B		P
7782-49-2	Selenium	2.57			P
7440-22-4	Silver	0.152	U		P
7440-23-5	Sodium	20.6	B		P
7440-28-0	Thallium	0.314	U		P
7440-62-2	Vanadium	0.152	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD44

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747305

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-66-6	Zinc	0.314	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD44DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747305DL1

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-38-2	Arsenic	2.38	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD43

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747306

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.81	B		P
7440-36-0	Antimony	20.6			P
7440-38-2	Arsenic	0.489	U		P
7440-39-3	Barium	0.348	B		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.139	B		P
7440-70-2	Calcium	737			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0489	U		P
7440-50-8	Copper	0.468	B		P
7439-89-6	Iron	264			P
7439-92-1	Lead	0.333	U		P
7439-95-4	Magnesium	31.7			P
7439-96-5	Manganese	0.95			P
7439-97-6	Mercury	0.002	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	803			P
7782-49-2	Selenium	0.774	B		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	638			P
7440-28-0	Thallium	0.323	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD43

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747306

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	98.5			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD54

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747307

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.1	U		P
7440-36-0	Antimony	0.23	U		P
7440-38-2	Arsenic	0.499	U		P
7440-39-3	Barium	0.16	U		P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.0499	U		P
7440-70-2	Calcium	4.92	B		P
7440-47-3	Chromium	0.16	U		P
7440-48-4	Cobalt	0.0499	U		P
7440-50-8	Copper	0.181	B		P
7439-89-6	Iron	0.599	U		P
7439-92-1	Lead	0.339	U		P
7439-95-4	Magnesium	2.99	U		P
7439-96-5	Manganese	0.16	U		P
7439-97-6	Mercury	0.0646			CV
7440-02-0	Nickel	0.16	U		P
7440-09-7	Potassium	9.5	B		P
7782-49-2	Selenium	0.499	U		P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	2300			P
7440-28-0	Thallium	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD54

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747307

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.16	U		P
7440-66-6	Zinc	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD53

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747308

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2	U		P
7440-36-0	Antimony	0.219	U		P
7440-38-2	Arsenic	0.475	U		P
7440-39-3	Barium	0.152	U		P
7440-41-7	Beryllium	0.152	U		P
7440-43-9	Cadmium	0.0475	U		P
7440-70-2	Calcium	4.02	B		P
7440-47-3	Chromium	0.152	U		P
7440-48-4	Cobalt	0.0475	U		P
7440-50-8	Copper	0.152	U		P
7439-89-6	Iron	0.57	U		P
7439-92-1	Lead	0.323	U		P
7439-95-4	Magnesium	2.85	U		P
7439-96-5	Manganese	0.152	U		P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.152	U		P
7440-09-7	Potassium	5.3	B		P
7782-49-2	Selenium	0.475	U		P
7440-22-4	Silver	0.152	U		P
7440-23-5	Sodium	1270			P
7440-28-0	Thallium	0.314	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD53

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747308

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.152	U		P
7440-66-6	Zinc	0.314	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD51

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747309

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	5.63	B		P
7440-36-0	Antimony	0.65	B		P
7440-38-2	Arsenic	0.453	U		P
7440-39-3	Barium	0.409	B		P
7440-41-7	Beryllium	0.145	U		P
7440-43-9	Cadmium	0.0453	U		P
7440-70-2	Calcium	7.64	B		P
7440-47-3	Chromium	0.145	U		P
7440-48-4	Cobalt	0.0453	U		P
7440-50-8	Copper	0.236	B		P
7439-89-6	Iron	10.1			P
7439-92-1	Lead	0.308	U		P
7439-95-4	Magnesium	2.72	U		P
7439-96-5	Manganese	0.145	U		P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.145	U		P
7440-09-7	Potassium	15	B		P
7782-49-2	Selenium	0.453	U		P
7440-22-4	Silver	0.145	U		P
7440-23-5	Sodium	17	B		P
7440-28-0	Thallium	0.299	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD51

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747309

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.145	U		P
7440-66-6	Zinc	1.84			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD49

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747310

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	0.221	U		P
7440-38-2	Arsenic	0.481	U		P
7440-39-3	Barium	0.154	U		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0481	U		P
7440-70-2	Calcium	9.74			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0481	U		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	14.8			P
7439-92-1	Lead	0.327	U		P
7439-95-4	Magnesium	9.01	B		P
7439-96-5	Manganese	1.05			P
7439-97-6	Mercury	0.00209	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	22.4	B		P
7782-49-2	Selenium	0.481	U		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	859			P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD49

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747310

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	0.444	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD52

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747311

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.99	U		P
7440-36-0	Antimony	0.218	U		P
7440-38-2	Arsenic	0.474	U		P
7440-39-3	Barium	0.152	U		P
7440-41-7	Beryllium	0.152	U		P
7440-43-9	Cadmium	0.0474	U		P
7440-70-2	Calcium	3.89	B		P
7440-47-3	Chromium	0.152	U		P
7440-48-4	Cobalt	0.0474	U		P
7440-50-8	Copper	1.12			P
7439-89-6	Iron	2.84	B		P
7439-92-1	Lead	0.322	U		P
7439-95-4	Magnesium	2.85	U		P
7439-96-5	Manganese	0.152	U		P
7439-97-6	Mercury	0.0021	U		CV
7440-02-0	Nickel	0.152	U		P
7440-09-7	Potassium	5	B		P
7782-49-2	Selenium	0.474	U		P
7440-22-4	Silver	0.152	U		P
7440-23-5	Sodium	26.2	B		P
7440-28-0	Thallium	0.313	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD52

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747311

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.152	U		P
7440-66-6	Zinc	0.313	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD50

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747312

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	5.32	B		P
7440-36-0	Antimony	0.219	U		P
7440-38-2	Arsenic	0.476	U		P
7440-39-3	Barium	0.152	U		P
7440-41-7	Beryllium	0.152	U		P
7440-43-9	Cadmium	0.0476	U		P
7440-70-2	Calcium	3.61	B		P
7440-47-3	Chromium	0.152	U		P
7440-48-4	Cobalt	0.0476	U		P
7440-50-8	Copper	0.152	U		P
7439-89-6	Iron	41.1			P
7439-92-1	Lead	0.766			P
7439-95-4	Magnesium	2.86	U		P
7439-96-5	Manganese	0.152	U		P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.152	U		P
7440-09-7	Potassium	4.76	U		P
7782-49-2	Selenium	0.476	U		P
7440-22-4	Silver	0.152	U		P
7440-23-5	Sodium	9.52	U		P
7440-28-0	Thallium	0.314	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD50

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747312

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.152	U		P
7440-66-6	Zinc	0.314	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD48

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747313

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.04	U		P
7440-36-0	Antimony	0.323	B		P
7440-38-2	Arsenic	0.486	U		P
7440-39-3	Barium	0.17	B		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0486	U		P
7440-70-2	Calcium	6	B		P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0486	U		P
7440-50-8	Copper	0.156	U		P
7439-89-6	Iron	127			P
7439-92-1	Lead	0.331	U		P
7439-95-4	Magnesium	2.92	U		P
7439-96-5	Manganese	4.55			P
7439-97-6	Mercury	0.002	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	4.86	U		P
7782-49-2	Selenium	0.486	U		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	12.2	B		P
7440-28-0	Thallium	0.321	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD48

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747313

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	0.321	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD47

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747314

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	0.223	U		P
7440-38-2	Arsenic	0.484	U		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	3.2	U		P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	0.191	B		P
7439-89-6	Iron	0.581	U		P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	2.91	U		P
7439-96-5	Manganese	0.155	U		P
7439-97-6	Mercury	0.00205	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	4.84	U		P
7782-49-2	Selenium	0.484	U		P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	9.69	U		P
7440-28-0	Thallium	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD47

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747314

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	0.32	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD55

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747315

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	3.29	B		P
7440-36-0	Antimony	0.213	U		P
7440-38-2	Arsenic	0.464	U		P
7440-39-3	Barium	0.148	U		P
7440-41-7	Beryllium	0.148	U		P
7440-43-9	Cadmium	0.0464	U		P
7440-70-2	Calcium	6.53	B		P
7440-47-3	Chromium	0.148	U		P
7440-48-4	Cobalt	0.0464	U		P
7440-50-8	Copper	4.58			P
7439-89-6	Iron	8.36			P
7439-92-1	Lead	0.587	B		P
7439-95-4	Magnesium	2.78	U		P
7439-96-5	Manganese	0.148	U		P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.148	U		P
7440-09-7	Potassium	4.64	U		P
7782-49-2	Selenium	0.464	U		P
7440-22-4	Silver	0.148	U		P
7440-23-5	Sodium	30.6			P
7440-28-0	Thallium	0.306	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD55

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747315

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.148	U		P
7440-66-6	Zinc	0.306	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD282

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747316

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	1.98	U		P
7440-36-0	Antimony	0.217	U		P
7440-38-2	Arsenic	0.472	U		P
7440-39-3	Barium	0.151	U		P
7440-41-7	Beryllium	0.151	U		P
7440-43-9	Cadmium	0.0472	U		P
7440-70-2	Calcium	3.11	U		P
7440-47-3	Chromium	0.151	U		P
7440-48-4	Cobalt	0.0472	U		P
7440-50-8	Copper	0.179	B		P
7439-89-6	Iron	219			P
7439-92-1	Lead	0.321	U		P
7439-95-4	Magnesium	2.83	U		P
7439-96-5	Manganese	0.72			P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.151	U		P
7440-09-7	Potassium	614			P
7782-49-2	Selenium	0.472	U		P
7440-22-4	Silver	0.151	U		P
7440-23-5	Sodium	662			P
7440-28-0	Thallium	0.311	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD282

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747316

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.151	U		P
7440-66-6	Zinc	2.95			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD69

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747317

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	6.68	B		P
7440-36-0	Antimony	5.82			P
7440-38-2	Arsenic	0.484	U		P
7440-39-3	Barium	350			P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	128			P
7440-47-3	Chromium	0.312	B		P
7440-48-4	Cobalt	0.244	B		P
7440-50-8	Copper	6.94			P
7439-89-6	Iron	59.8			P
7439-92-1	Lead	0.408	B		P
7439-95-4	Magnesium	60.9			P
7439-96-5	Manganese	1.17			P
7439-97-6	Mercury	0.00197	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	132			P
7782-49-2	Selenium	0.613	B		P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	325			P
7440-28-0	Thallium	0.319	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD69

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747317

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	55.1			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD70

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747318

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	0.222	U		P
7440-38-2	Arsenic	0.484	U		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	3.19	U		P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	0.155	U		P
7439-89-6	Iron	485			P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	2.9	U		P
7439-96-5	Manganese	5.21			P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	4.84	U		P
7782-49-2	Selenium	0.484	U		P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	9.67	U		P
7440-28-0	Thallium	0.319	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD70

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Lab Sample ID: 250747318

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	0.319	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

170907 1602

QC Summary

170907 1602

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DUPLICATES

EPA Sample No.

248163LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.306		0.321		4.8		CV

Comments:

170907 1602

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DUPLICATES

EPA Sample No.

248379LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	5200		5210		0.2		P
Antimony	20	55.1		55.3		0.4		P
Arsenic	20	53.8		53.1		1.3		P
Barium	20	154		155		0.6		P
Beryllium	20	54.3		54.5		0.4		P
Cadmium	20	51.6		51.8		0.4		P
Calcium	20	5010		5030		0.4		P
Chromium	20	52.5		53		0.9		P
Cobalt	20	51.1		51.6		1.0		P
Copper	20	52.5		52.8		0.6		P
Iron	20	5390		5410		0.4		P
Lead	20	51.7		52.7		1.9		P
Magnesium	20	4920		4940		0.4		P
Manganese	20	52.8		53.1		0.6		P
Nickel	20	51.6		51.8		0.4		P
Potassium	20	5150		5170		0.4		P
Selenium	20	51.5		52.7		2.3		P
Silver	20	21.2		21.4		0.9		P
Sodium	20	5210		5230		0.4		P
Thallium	20	50.6		50.2		0.8		P
Vanadium	20	54.8		55.2		0.7		P
Zinc	20	51.9		52		0.2		P

Comments:

170907 1602

U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248163LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Solid LCS Source: MET-61501

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.306		80	120	102.0

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LABORATORY CONTROL SAMPLE

EPA Sample No.

248163LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Solid LCS Source: MET-61501

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.321		80	120	107.0

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U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248378LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	5200		80 - 120	104.0
Antimony				50	55.1		80 - 120	110.2
Arsenic				50	53.8		80 - 120	107.6
Barium				150	154		80 - 120	102.7
Beryllium				50	54.3		80 - 120	108.6
Cadmium				50	51.6		80 - 120	103.2
Calcium				5000	5010		80 - 120	100.2
Chromium				50	52.5		80 - 120	105.0
Cobalt				50	51.1		80 - 120	102.2
Copper				50	52.5		80 - 120	105.0
Iron				5000	5390		80 - 120	107.8
Lead				50	51.7		80 - 120	103.4
Magnesium				5000	4920		80 - 120	98.4
Manganese				50	52.8		80 - 120	105.6
Nickel				50	51.6		80 - 120	103.2
Potassium				5000	5150		80 - 120	103.0
Selenium				50	51.5		80 - 120	103.0
Silver				20	21.2		80 - 120	106.0
Sodium				5000	5210		80 - 120	104.2
Thallium				50	50.6		80 - 120	101.2
Vanadium				50	54.8		80 - 120	109.6
Zinc				50	51.9		80 - 120	103.8

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248379LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507473

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	5210		80 - 120	104.2
Antimony				50	55.3		80 - 120	110.6
Arsenic				50	53.1		80 - 120	106.2
Barium				150	155		80 - 120	103.3
Beryllium				50	54.5		80 - 120	109.0
Cadmium				50	51.8		80 - 120	103.6
Calcium				5000	5030		80 - 120	100.6
Chromium				50	53		80 - 120	106.0
Cobalt				50	51.6		80 - 120	103.2
Copper				50	52.8		80 - 120	105.6
Iron				5000	5410		80 - 120	108.2
Lead				50	52.7		80 - 120	105.4
Magnesium				5000	4940		80 - 120	98.8
Manganese				50	53.1		80 - 120	106.2
Nickel				50	51.8		80 - 120	103.6
Potassium				5000	5170		80 - 120	103.4
Selenium				50	52.7		80 - 120	105.4
Silver				20	21.4		80 - 120	107.0
Sodium				5000	5230		80 - 120	104.6
Thallium				50	50.2		80 - 120	100.4
Vanadium				50	55.2		80 - 120	110.4
Zinc				50	52		80 - 120	104.0

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Chain of Custody Documentation

170907 1602

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Chain of Custody Record
Record/Work Request

2507473 KC

Page 1 of 4

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Company: T N & Associates, Inc.
Address: 1220 Kennestone Circle, Marietta, GA
Phone: 678-355-5550 Fax: 678-355-5545
Project Name/Number: National Petroleum Products/2005148-1089
Project Manager: Lou Von Oldenburg
Purchase Order:
Print Names(s) / Affiliation: Lou Von Oldenburg / TN&A
Sampler(s) Signature(s):

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	Preservatives (see codes)	Analyses Requested: 6010	8260	8270	8082	REQUESTED DUE DATE / / Remarks	Lab. No.
1	NPPD 279	8/28/07	850		O	3		X	X	X	X	Waste	01
2	NPPD 280		845										02
3	NPPD 278		855										03
4	NPPD 45		808										04
5	NPPD 44		805										05
6	NPPD 43		800										06
7	NPPD 54		821										07
8	NPPD 53		818										08
9	NPPD 51		812										09
Shipment Method						27	← Total Number of Containers						

Out: / / Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / / Via.			08/17/07	1100		8/27/7	1035
Additional Comments: Fax Only			8/28/7		dau/PEL	8/29/07	1000
Standard TAT							

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
2 @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507473

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PEL Laboratories, Inc.

Chain of Custody Record
Record/Work Request

2507473 KC

4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Company: J N & Associates, Inc.

Address: 1220 Kennestone Circle, Marietta, GA

Phone: 678-355-5550 Fax: 678-355-5545

Project Name/Number: National Petroleum Packers / 2005148-1089

Project Manager: Lou Von Oldenburg

Purchase Order:

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Print Names(s) / Affiliation: Lou Von Oldenburg / TN&A

Sampler(s) Signature(s):

Preservatives (see codes)

Analyses Requested

REQUESTED DUE DATE / /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	6010	8260	8270	608	Remarks	Lab. No.
10	NPPD49	8/28/07	809		O	3	X	X	X	X	Name	10
11	NPPD52		815									11
12	NPPD50		806									12
13	NPPD48		853									13
14	NPPD47		800									14
15	NPPD55		824									15
16	NPPD282		827									16
17	NPPD69		900									17
18	NPPD70	↓	903		↓	↓	↓	↓	↓	↓	↓	18

Shipment Method: 27 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/17/07	1100		8/22/7	10:30
Additional Comments:	Tars only			8/28/7	1730		8/29	1000
Standard ~~TAT~~								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
2 @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507473

228

fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx. US Airbill
Express

FedEx Tracking Number 8592 9213 7294

0200 **Recipient's Copy**

1 From

Date 8/28/07

Sender's Name [redacted] Phone 678 355-5550

Company TNT ASSOCIATES

Address 1220 MAIN ST. CIRCLE Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30064

2 Your Internal Billing Reference 2007 1187

3 To

Recipient's Name [redacted] Phone

Company PEL - CAS

Recipient's Address 4420 DANSON PORT DR Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33614

8592 9213 7294

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [x] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check — Obtain Recip. Acct. No.

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	50	$ 100.00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

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FedEx Express US Airbill

FedEx Tracking Number 8532 0829 9702

Recipient's Copy

1 From

Date 8/28/07

Sender's Name TN A Phone 678 355-3156

Company TN [illegible]

Address 122 [illegible] Circle

City [illegible] State GA ZIP 30066

Dept./Floor/Suite/Room

2 Your Internal Billing Reference 2007145 1089

3 To

Recipient's Name Phone

Company PSL Corp

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address 4420 [illegible] RD

To request a package be held at a specific FedEx location, print FedEx address here.

City Tampa State FL ZIP 33619

8532 0829 9702

4a Express Package Service — Packages up to 150 lbs. * To most locations

- [x] FedEx Priority Overnight — Next business morning*
- [ ] FedEx Standard Overnight — Next business afternoon*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations*
- [ ] FedEx 2Day — Second business day*
- [ ] FedEx Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service — Packages over 150 lbs. ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation:

5 Packaging — * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment Bill to: — Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	53.50	$ 100.00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

Questions? Visit our Web site at fedex.com or call 1.800.GoFedEx 1.800.463.3339.

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507473	**Req:**	83921
Client:	TN&A	**Project:**	National Petroleum Packers (WASTE
Level:	2	**Date Rec'd:**	8/29/07 10:00:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/07/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507473 **Profile Name:** Nat'l Petro. **Profile #:** 83921

MATRIX S

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 18	7470	Mercury		BMD	9/1/07	1200
01 - 18	7470	Mercury	N/A			
01 - 18	6010	Metals		BMD	9/1/07	1200
01 - 18	6010	Metals	N/A			
01 - 18	8260	Volatile Organic Compounds		MSJ	8/31/07	11:30
01 - 18	8260	Volatile Organic Compounds		Courier		
01 - 18	8270	GCMS semivolatile		SL	8/31/07	12:30
01 - 18	8270	GCMS semivolatile	SL		8/31/07	19:40
01 - 18	8082	PCB		GG	9/4/07	6am
01 - 18	8082	PCB	GG		9/4/07	130pm

Additional:

Comments:

Addendum

170907 1602

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/29/2007 10:00:00 AM

Date to be Reported: 9/10/2007

Laboratory Submission Number/SDG: 2507473

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507473

Project: National Petroleum Packers

Samples: The submission consisted of 18 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

10-day TAT.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level 2

Total of: 90 analyses on 18 samples (including QC) *30-Aug-07*

Report/SDG #: 2507473

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD279	250747301		S	8/28/2007 8:50:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD280	250747302		S	8/28/2007 8:45:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD278	250747303		S	8/28/2007 8:55:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507473

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD45	250747304		S	8/28/2007 8:08:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD44	250747305		S	8/28/2007 8:05:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD43	250747306		S	8/28/2007 8:00:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507473

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD54	250747307		S	8/28/2007 8:21:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD53	250747308		S	8/28/2007 8:18:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD51	250747309		S	8/28/2007 8:12:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507473

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD49	250747310		S	8/28/2007 8:09:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD52	250747311		S	8/28/2007 8:15:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD50	250747312		S	8/28/2007 8:06:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507473

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD48	250747313		S	8/28/2007 8:03:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD47	250747314		S	8/28/2007 8:00:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD55	250747315		S	8/28/2007 8:24:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507473

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD282	250747316		S	8/28/2007 8:27:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD69	250747317		S	8/28/2007 9:00:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD70	250747318		S	8/28/2007 9:03:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

PEL Laboratories, Inc.

Customer Name:	T N & Associates, Inc.
Date and Time Received:	8/29/2007 10:00:00 AM
Date Reported:	9/13/2007
Laboratory Submission Number/SDG:	2507474
Project:	National Petroleum Packers

Samples: The submission consisted of 13 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Respectfully Submitted,

Brian Spann
Laboratory Manager
PEL Laboratories, Inc.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

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Addendum 207

EXECUTIVE SUMMARY - Detection Highlights

2507474

SAMPLE ID: NPPD201

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	11.8	0.99	MG/KG	SW6010B
Barium	0.206 B	0.495	MG/KG	SW6010B
Calcium	14.4	9.9	MG/KG	SW6010B
Iron	1370	4.95	MG/KG	SW6010B
Magnesium	58.8	9.9	MG/KG	SW6010B
Manganese	7.55	0.495	MG/KG	SW6010B
Potassium	114	49.5	MG/KG	SW6010B
Selenium	1.39	0.99	MG/KG	SW6010B
Sodium	779	29.7	MG/KG	SW6010B
Acetone	1590 J	2940	UG/KG	SW8260B
Naphthalene	3280	588	UG/KG	SW8260B
4-Methylphenol	66800 J	326000	UG/KG	SW8270C
Phenol	546000 J	1630000	UG/KG	SW8270C

SAMPLE ID: NPPD221

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Barium	0.665	0.48	MG/KG	SW6010B
Calcium	4.98 B	9.6	MG/KG	SW6010B
Iron	405	4.8	MG/KG	SW6010B
Manganese	0.67	0.48	MG/KG	SW6010B

SAMPLE ID: NPPD224

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	6.4 B	9.98	MG/KG	SW6010B
Barium	2.7	0.499	MG/KG	SW6010B
Calcium	73.1	9.98	MG/KG	SW6010B
Chromium	2.03	0.499	MG/KG	SW6010B
Copper	6.01	0.499	MG/KG	SW6010B
Iron	1600	4.99	MG/KG	SW6010B
Lead	0.608 B	0.679	MG/KG	SW6010B
Magnesium	35.2	9.98	MG/KG	SW6010B
Manganese	14.1	0.499	MG/KG	SW6010B
Nickel	0.41 B	0.499	MG/KG	SW6010B

130907 1511

EXECUTIVE SUMMARY - Detection Highlights

2507474

Potassium	81.8	49.9	MG/KG	SW6010B
Selenium	0.514 B	0.998	MG/KG	SW6010B
Sodium	8530	29.9	MG/KG	SW6010B
Zinc	16	0.998	MG/KG	SW6010B
Mercury	0.00388 B	0.0196	MG/KG	SW7470A
Acetone	4550	2640	UG/KG	SW8260B
Naphthalene	504 J	529	UG/KG	SW8260B
Phenol	139000 J	1770000	UG/KG	SW8270C

SAMPLE ID: NPPD225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Barium	0.308 B	0.481	MG/KG	SW6010B
Calcium	21.7	9.62	MG/KG	SW6010B
Copper	0.458 B	0.481	MG/KG	SW6010B
Iron	647	4.81	MG/KG	SW6010B
Magnesium	6.71 B	9.62	MG/KG	SW6010B
Manganese	7.09	0.481	MG/KG	SW6010B
Potassium	56.2	48.1	MG/KG	SW6010B
Selenium	0.558 B	0.962	MG/KG	SW6010B
Sodium	7430	28.8	MG/KG	SW6010B
Zinc	0.611 B	0.962	MG/KG	SW6010B

SAMPLE ID: NPPD226

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	6.04 B	9.78	MG/KG	SW6010B
Antimony	32.3	0.978	MG/KG	SW6010B
Barium	0.611	0.489	MG/KG	SW6010B
Calcium	54.2	9.78	MG/KG	SW6010B
Chromium	0.929	0.489	MG/KG	SW6010B
Cobalt	0.0738 B	0.489	MG/KG	SW6010B
Copper	5.91	0.489	MG/KG	SW6010B
Iron	139	4.89	MG/KG	SW6010B
Lead	0.583 B	0.665	MG/KG	SW6010B
Magnesium	19.6	9.78	MG/KG	SW6010B
Manganese	3.67	0.489	MG/KG	SW6010B
Nickel	0.528	0.489	MG/KG	SW6010B
Potassium	690	48.9	MG/KG	SW6010B

130907 1511

EXECUTIVE SUMMARY - Detection Highlights

2507474

Selenium	1.66	0.978	MG/KG	SW6010B
Sodium	4920	29.4	MG/KG	SW6010B
Zinc	3.96	0.978	MG/KG	SW6010B
Mercury	0.00369 B	0.0194	MG/KG	SW7470A
1,2,4-Trimethylbenzene	333 J	592	UG/KG	SW8260B
4-Methyl-2-pentanone	5690	1180	UG/KG	SW8260B
Benzene	7230	592	UG/KG	SW8260B
MTBE	180 J	592	UG/KG	SW8260B
Naphthalene	724	592	UG/KG	SW8260B
p,m-Xylene	1620	1180	UG/KG	SW8260B
Toluene	779	592	UG/KG	SW8260B
Phenol	264000 J	1760000	UG/KG	SW8270C

SAMPLE ID: NPPD226DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Acetone	61100	8440	UG/KG	SW8260B

SAMPLE ID: NPPD227

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	28.9	9.86	MG/KG	SW6010B
Calcium	86.9	9.86	MG/KG	SW6010B
Copper	0.648	0.493	MG/KG	SW6010B
Iron	3.24 B	4.93	MG/KG	SW6010B
Magnesium	12.7	9.86	MG/KG	SW6010B
Potassium	5.3 B	49.3	MG/KG	SW6010B
Selenium	2.58	0.986	MG/KG	SW6010B
Sodium	14.8 B	29.6	MG/KG	SW6010B
Zinc	47.6	0.986	MG/KG	SW6010B

SAMPLE ID: NPPD231

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	5.35 B	9.82	MG/KG	SW6010B
Chromium	0.172 B	0.491	MG/KG	SW6010B

130907 1511

EXECUTIVE SUMMARY - Detection Highlights

2507474

Copper	0.759	0.491	MG/KG	SW6010B
Iron	697	4.91	MG/KG	SW6010B
Manganese	2.62	0.491	MG/KG	SW6010B
Mercury	0.0407	0.0191	MG/KG	SW7470A

SAMPLE ID: NPPD232

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	3.32	0.984	MG/KG	SW6010B
Barium	0.445 B	0.492	MG/KG	SW6010B
Calcium	15	9.84	MG/KG	SW6010B
Copper	1.81	0.492	MG/KG	SW6010B
Iron	97.9	4.92	MG/KG	SW6010B
Manganese	0.34 B	0.492	MG/KG	SW6010B
Potassium	476	49.2	MG/KG	SW6010B
Sodium	1110	29.5	MG/KG	SW6010B
Zinc	39.8	0.984	MG/KG	SW6010B

SAMPLE ID: NPPD243

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Iron	0.88 B	4.91	MG/KG	SW6010B
Potassium	6.81 B	49.1	MG/KG	SW6010B
Sodium	62.8	29.5	MG/KG	SW6010B
Zinc	0.424 B	0.982	MG/KG	SW6010B
1,2,4-Trimethylbenzene	1530	1020	UG/KG	SW8260B
1,2-Dichlorobenzene	270 J	1020	UG/KG	SW8260B
1,3,5-Trimethylbenzene	325 J	1020	UG/KG	SW8260B
4-Isopropyltoluene	702 J	1020	UG/KG	SW8260B
4-Methyl-2-pentanone	1000 J	2040	UG/KG	SW8260B
Benzene	537 J	1020	UG/KG	SW8260B
Ethylbenzene	816 J	1020	UG/KG	SW8260B
Naphthalene	1690	1020	UG/KG	SW8260B
n-Butylbenzene	551 J	1020	UG/KG	SW8260B
n-Propylbenzene	391 J	1020	UG/KG	SW8260B
o-Xylene	976 J	1020	UG/KG	SW8260B
p,m-Xylene	1580 J	2040	UG/KG	SW8260B
Toluene	1720	1020	UG/KG	SW8260B
Phenanthrene	67600 J	371000	UG/KG	SW8270C

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EXECUTIVE SUMMARY - Detection Highlights

2507474

SAMPLE ID: NPPD245

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Copper	0.176 B	0.484	MG/KG	SW6010B
Iron	0.788 B	4.84	MG/KG	SW6010B
Potassium	6.68 B	48.4	MG/KG	SW6010B
Sodium	58.7	29	MG/KG	SW6010B
Mercury	0.00234 B	0.02	MG/KG	SW7470A
1,2,4-Trimethylbenzene	1230	1060	UG/KG	SW8260B
4-Isopropyltoluene	557 J	1060	UG/KG	SW8260B
4-Methyl-2-pentanone	989 J	2130	UG/KG	SW8260B
Benzene	506 J	1060	UG/KG	SW8260B
Ethylbenzene	615 J	1060	UG/KG	SW8260B
Naphthalene	1840	1060	UG/KG	SW8260B
n-Butylbenzene	453 J	1060	UG/KG	SW8260B
n-Propylbenzene	278 J	1060	UG/KG	SW8260B
o-Xylene	793 J	1060	UG/KG	SW8260B
p,m-Xylene	1150 J	2130	UG/KG	SW8260B
Toluene	1430	1060	UG/KG	SW8260B
Phenanthrene	59600 J	339000	UG/KG	SW8270C

SAMPLE ID: NPPD256

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	1.7	0.982	MG/KG	SW6010B
Calcium	7.3 B	9.82	MG/KG	SW6010B
Chromium	0.299 B	0.491	MG/KG	SW6010B
Copper	0.82	0.491	MG/KG	SW6010B
Iron	3910	4.91	MG/KG	SW6010B
Manganese	14.4	0.491	MG/KG	SW6010B
Potassium	164	49.1	MG/KG	SW6010B
Selenium	1.72	0.982	MG/KG	SW6010B
Sodium	77.3	29.5	MG/KG	SW6010B
Mercury	0.00361 B	0.0195	MG/KG	SW7470A
1,2,4-Trichlorobenzene	759 J	1300	UG/KG	SW8260B
1,2,4-Trimethylbenzene	1970	1300	UG/KG	SW8260B
1,2-Dichlorobenzene	23500	1300	UG/KG	SW8260B
1,3,5-Trimethylbenzene	801 J	1300	UG/KG	SW8260B

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EXECUTIVE SUMMARY - Detection Highlights

2507474

2-Butanone	5980 J	6490	UG/KG	SW8260B
2-Hexanone	2660	2600	UG/KG	SW8260B
4-Isopropyltoluene	323 J	1300	UG/KG	SW8260B
4-Methyl-2-pentanone	1780 J	2600	UG/KG	SW8260B
Acetone	76200	6490	UG/KG	SW8260B
Benzene	1360	1300	UG/KG	SW8260B
Ethylbenzene	1680	1300	UG/KG	SW8260B
Isopropylbenzene (Cume	421 J	1300	UG/KG	SW8260B
Naphthalene	24700	1300	UG/KG	SW8260B
n-Butylbenzene	324 J	1300	UG/KG	SW8260B
n-Propylbenzene	350 J	1300	UG/KG	SW8260B
o-Xylene	1280 J	1300	UG/KG	SW8260B
p,m-Xylene	6090	2600	UG/KG	SW8260B
Styrene	870 J	1300	UG/KG	SW8260B
Toluene	4210	1300	UG/KG	SW8260B

SAMPLE ID: NPPD38

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Antimony	69.5	1	MG/KG	SW6010B
Calcium	9.91 B	10	MG/KG	SW6010B
Chromium	0.305 B	0.5	MG/KG	SW6010B
Copper	0.319 B	0.5	MG/KG	SW6010B
Iron	1300	5	MG/KG	SW6010B
Magnesium	9.2 B	10	MG/KG	SW6010B
Manganese	7.43	0.5	MG/KG	SW6010B
Potassium	2630	50	MG/KG	SW6010B
Selenium	1.5	1	MG/KG	SW6010B
Sodium	1740	30	MG/KG	SW6010B
Zinc	1.02	1	MG/KG	SW6010B
Acetone	7230	2760	UG/KG	SW8260B

SAMPLE ID: NPPD42

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Calcium	74	9.76	MG/KG	SW6010B
Copper	0.458 B	0.488	MG/KG	SW6010B
Iron	15.6	4.88	MG/KG	SW6010B
Magnesium	7.93 B	9.76	MG/KG	SW6010B

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EXECUTIVE SUMMARY - Detection Highlights

2507474

Manganese	0.17 B	0.488	MG/KG	SW6010B
Potassium	11.9 B	48.8	MG/KG	SW6010B
Zinc	53	0.976	MG/KG	SW6010B
1,2,4-Trimethylbenzene	4170	1350	UG/KG	SW8260B
1,3,5-Trimethylbenzene	1120 J	1350	UG/KG	SW8260B
Ethylbenzene	2820	1350	UG/KG	SW8260B
Naphthalene	17100	1350	UG/KG	SW8260B
n-Butylbenzene	1170 J	1350	UG/KG	SW8260B
n-Propylbenzene	198 J	1350	UG/KG	SW8260B
o-Xylene	5290	1350	UG/KG	SW8260B
p,m-Xylene	11700	2700	UG/KG	SW8260B
Toluene	7670	1350	UG/KG	SW8260B

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Organics

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Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260

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CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Soil samples were prepared by SW846/5035 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 090707LCSA32 was analyzed with the soil samples on 09/07/07. The following analyte was recovered above criteria: 2,2-Dichloropropane at 131 % with criteria of (70-130).

No further action was required. Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

All waste samples were analyzed high level.

Sample NPPD226 required an additional 1:200 dilution due to a high concentration of Acetone. Both diluted runs are reported.

Sample NPPD256 was only analyzed and is reported at a 1:100 dilution based on screening results due to a high concentration of Acetone.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:** **09/10/2007**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Method: 8260

EPA Sample No	Lab Sample ID
NPPD256	250747401
NPPD245	250747402
NPPD243	250747403
NPPD224	250747404
NPPD221	250747405
NPPD226	250747406
NPPD226DL1	250747406DL1
NPPD225	250747407
NPPD231	250747408
NPPD38	250747409
NPPD227	250747410
NPPD232	250747411
NPPD42	250747412
NPPD201	250747413

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD256

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747401 Lab File ID: 47401M.D

Sample wt/vol: 1.54 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1506

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	1300	U
75-01-4	Vinyl chloride	1300	U
74-83-9	Bromomethane	1300	U
75-00-3	Chloroethane	3250	U
75-69-4	Trichlorofluoromethane	1300	U
75-35-4	1,1-Dichloroethene	1300	U
107-02-8	Acrolein	16200	U
74-88-4	Methyl iodide	1300	U
75-15-0	Carbon disulfide	1300	U
75-09-2	Methylene chloride	3250	U
156-60-5	trans-1,2-Dichloroethene	1300	U
107-13-1	Acrylonitrile	3250	U
75-34-3	1,1-Dichloroethane	1300	U
67-64-1	Acetone	76200	
594-20-7	2,2-Dichloropropane	1300	U
156-59-2	cis-1,2-Dichloroethene	1300	U
74-97-5	Bromochloromethane	1300	U
78-93-3	2-Butanone	5980	J
67-66-3	Chloroform	1300	U
71-55-6	1,1,1-Trichloroethane	1300	U
56-23-5	Carbon tetrachloride	1300	U
563-58-6	1,1-Dichloropropene	1300	U
71-43-2	Benzene	1360	
107-06-2	1,2-Dichloroethane	1300	U
79-01-6	Trichloroethene	1300	U
108-05-4	Vinyl acetate	2600	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD256

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747401 Lab File ID: 47401M.D

Sample wt/vol: 1.54 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1506

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1300	U
74-95-3	Dibromomethane	1300	U
75-27-4	Bromodichloromethane	1300	U
10061-01-5	cis-1,3-Dichloropropene	1300	U
108-10-1	4-Methyl-2-pentanone	1780	J
108-88-3	Toluene	4210	
10061-02-6	trans-1,3-Dichloropropene	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
127-18-4	Tetrachloroethene	3250	U
142-28-9	1,3-Dichloropropane	1300	U
591-78-6	2-Hexanone	2660	
124-48-1	Dibromochloromethane	1300	U
106-93-4	1,2-Dibromoethane(EDB)	1300	U
108-90-7	Chlorobenzene	1300	U
630-20-6	1,1,1,2-Tetrachloroethane	1300	U
100-41-4	Ethylbenzene	1680	
511-39-00	p,m-Xylene	6090	
95-47-6	o-Xylene	1280	J
100-42-5	Styrene	870	J
75-25-2	Bromoform	3250	U
98-82-8	Isopropylbenzene (Cumene)	421	J
108-86-1	Bromobenzene	1300	U
79-34-5	1,1,2,2-Tetrachloroethane	1300	U
96-18-4	1,2,3-Trichloropropane	1300	U
103-65-1	n-Propylbenzene	350	J
95-49-8	2-Chlorotoluene	1300	U
106-43-4	4-Chlorotoluene	1300	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD256

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747401 Lab File ID: 47401M.D

Sample wt/vol: 1.54 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1506

PercentSolids: 100 decanted : (Dilution Factor: 100

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	801	J
98-06-6	tert-Butylbenzene	1300	U
95-63-6	1,2,4-Trimethylbenzene	1970	
135-98-8	sec-Butylbenzene	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
99-87-6	4-Isopropyltoluene	323	J
104-51-8	n-Butylbenzene	324	J
95-50-1	1,2-Dichlorobenzene	23500	
96-12-8	1,2-Dibromo-3-chloropropane	6490	U
120-82-1	1,2,4-Trichlorobenzene	759	J
87-68-3	Hexachlorobutadiene	1950	U
91-20-3	Naphthalene	24700	
87-61-6	1,2,3-Trichlorobenzene	1300	U
1634-04-4	MTBE	1300	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD245

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747402 Lab File ID: 47402M.D

Sample wt/vol: 0.94 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1845

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1060	U
74-87-3	Chloromethane	1060	U
75-01-4	Vinyl chloride	1060	U
74-83-9	Bromomethane	1060	U
75-00-3	Chloroethane	2660	U
75-69-4	Trichlorofluoromethane	1060	U
75-35-4	1,1-Dichloroethene	1060	U
107-02-8	Acrolein	13300	U
74-88-4	Methyl iodide	1060	U
75-15-0	Carbon disulfide	1060	U
75-09-2	Methylene chloride	2660	U
156-60-5	trans-1,2-Dichloroethene	1060	U
107-13-1	Acrylonitrile	2660	U
75-34-3	1,1-Dichloroethane	1060	U
67-64-1	Acetone	5320	U
594-20-7	2,2-Dichloropropane	1060	U
156-59-2	cis-1,2-Dichloroethene	1060	U
74-97-5	Bromochloromethane	1060	U
78-93-3	2-Butanone	5320	U
67-66-3	Chloroform	1060	U
71-55-6	1,1,1-Trichloroethane	1060	U
56-23-5	Carbon tetrachloride	1060	U
563-58-6	1,1-Dichloropropene	1060	U
71-43-2	Benzene	506	J
107-06-2	1,2-Dichloroethane	1060	U
79-01-6	Trichloroethene	1060	U
108-05-4	Vinyl acetate	2130	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD245

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747402 Lab File ID: 47402M.D

Sample wt/vol: 0.94 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1845

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1060	U
74-95-3	Dibromomethane	1060	U
75-27-4	Bromodichloromethane	1060	U
10061-01-5	cis-1,3-Dichloropropene	1060	U
108-10-1	4-Methyl-2-pentanone	989	J
108-88-3	Toluene	1430	
10061-02-6	trans-1,3-Dichloropropene	1060	U
79-00-5	1,1,2-Trichloroethane	1060	U
127-18-4	Tetrachloroethene	2660	U
142-28-9	1,3-Dichloropropane	1060	U
591-78-6	2-Hexanone	2130	U
124-48-1	Dibromochloromethane	1060	U
106-93-4	1,2-Dibromoethane(EDB)	1060	U
108-90-7	Chlorobenzene	1060	U
630-20-6	1,1,1,2-Tetrachloroethane	1060	U
100-41-4	Ethylbenzene	615	J
511-39-00	p,m-Xylene	1150	J
95-47-6	o-Xylene	793	J
100-42-5	Styrene	1060	U
75-25-2	Bromoform	2660	U
98-82-8	Isopropylbenzene (Cumene)	1060	U
108-86-1	Bromobenzene	1060	U
79-34-5	1,1,2,2-Tetrachloroethane	1060	U
96-18-4	1,2,3-Trichloropropane	1060	U
103-65-1	n-Propylbenzene	278	J
95-49-8	2-Chlorotoluene	1060	U
106-43-4	4-Chlorotoluene	1060	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD245

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747402 Lab File ID: 47402M.D

Sample wt/vol: 0.94 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1845

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1060	U
98-06-6	tert-Butylbenzene	1060	U
95-63-6	1,2,4-Trimethylbenzene	1230	
135-98-8	sec-Butylbenzene	1060	U
541-73-1	1,3-Dichlorobenzene	1060	U
106-46-7	1,4-Dichlorobenzene	1060	U
99-87-6	4-Isopropyltoluene	557	J
104-51-8	n-Butylbenzene	453	J
95-50-1	1,2-Dichlorobenzene	1060	U
96-12-8	1,2-Dibromo-3-chloropropane	5320	U
120-82-1	1,2,4-Trichlorobenzene	1060	U
87-68-3	Hexachlorobutadiene	1600	U
91-20-3	Naphthalene	1840	
87-61-6	1,2,3-Trichlorobenzene	1060	U
1634-04-4	MTBE	1060	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD243

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747403 Lab File ID: 47403M.D

Sample wt/vol: 0.98 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1822

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1020	U
74-87-3	Chloromethane	1020	U
75-01-4	Vinyl chloride	1020	U
74-83-9	Bromomethane	1020	U
75-00-3	Chloroethane	2550	U
75-69-4	Trichlorofluoromethane	1020	U
75-35-4	1,1-Dichloroethene	1020	U
107-02-8	Acrolein	12800	U
74-88-4	Methyl iodide	1020	U
75-15-0	Carbon disulfide	1020	U
75-09-2	Methylene chloride	2550	U
156-60-5	trans-1,2-Dichloroethene	1020	U
107-13-1	Acrylonitrile	2550	U
75-34-3	1,1-Dichloroethane	1020	U
67-64-1	Acetone	5100	U
594-20-7	2,2-Dichloropropane	1020	U
156-59-2	cis-1,2-Dichloroethene	1020	U
74-97-5	Bromochloromethane	1020	U
78-93-3	2-Butanone	5100	U
67-66-3	Chloroform	1020	U
71-55-6	1,1,1-Trichloroethane	1020	U
56-23-5	Carbon tetrachloride	1020	U
563-58-6	1,1-Dichloropropene	1020	U
71-43-2	Benzene	537	J
107-06-2	1,2-Dichloroethane	1020	U
79-01-6	Trichloroethene	1020	U
108-05-4	Vinyl acetate	2040	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD243

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747403 Lab File ID: 47403M.D

Sample wt/vol: 0.98 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1822

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1020	U
74-95-3	Dibromomethane	1020	U
75-27-4	Bromodichloromethane	1020	U
10061-01-5	cis-1,3-Dichloropropene	1020	U
108-10-1	4-Methyl-2-pentanone	1000	J
108-88-3	Toluene	1720	
10061-02-6	trans-1,3-Dichloropropene	1020	U
79-00-5	1,1,2-Trichloroethane	1020	U
127-18-4	Tetrachloroethene	2550	U
142-28-9	1,3-Dichloropropane	1020	U
591-78-6	2-Hexanone	2040	U
124-48-1	Dibromochloromethane	1020	U
106-93-4	1,2-Dibromoethane(EDB)	1020	U
108-90-7	Chlorobenzene	1020	U
630-20-6	1,1,1,2-Tetrachloroethane	1020	U
100-41-4	Ethylbenzene	816	J
511-39-00	p,m-Xylene	1580	J
95-47-6	o-Xylene	976	J
100-42-5	Styrene	1020	U
75-25-2	Bromoform	2550	U
98-82-8	Isopropylbenzene (Cumene)	1020	U
108-86-1	Bromobenzene	1020	U
79-34-5	1,1,2,2-Tetrachloroethane	1020	U
96-18-4	1,2,3-Trichloropropane	1020	U
103-65-1	n-Propylbenzene	391	J
95-49-8	2-Chlorotoluene	1020	U
106-43-4	4-Chlorotoluene	1020	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD243

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747403 Lab File ID: 47403M.D

Sample wt/vol: 0.98 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1822

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	325	J
98-06-6	tert-Butylbenzene	1020	U
95-63-6	1,2,4-Trimethylbenzene	1530	
135-98-8	sec-Butylbenzene	1020	U
541-73-1	1,3-Dichlorobenzene	1020	U
106-46-7	1,4-Dichlorobenzene	1020	U
99-87-6	4-Isopropyltoluene	702	J
104-51-8	n-Butylbenzene	551	J
95-50-1	1,2-Dichlorobenzene	270	J
96-12-8	1,2-Dibromo-3-chloropropane	5100	U
120-82-1	1,2,4-Trichlorobenzene	1020	U
87-68-3	Hexachlorobutadiene	1530	U
91-20-3	Naphthalene	1690	
87-61-6	1,2,3-Trichlorobenzene	1020	U
1634-04-4	MTBE	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD224

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747404 Lab File ID: 47404M.D

Sample wt/vol: 1.89 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1530

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	529	U
74-87-3	Chloromethane	529	U
75-01-4	Vinyl chloride	529	U
74-83-9	Bromomethane	529	U
75-00-3	Chloroethane	1320	U
75-69-4	Trichlorofluoromethane	529	U
75-35-4	1,1-Dichloroethene	529	U
107-02-8	Acrolein	6610	U
74-88-4	Methyl iodide	529	U
75-15-0	Carbon disulfide	529	U
75-09-2	Methylene chloride	1320	U
156-60-5	trans-1,2-Dichloroethene	529	U
107-13-1	Acrylonitrile	1320	U
75-34-3	1,1-Dichloroethane	529	U
67-64-1	Acetone	4550	
594-20-7	2,2-Dichloropropane	529	U
156-59-2	cis-1,2-Dichloroethene	529	U
74-97-5	Bromochloromethane	529	U
78-93-3	2-Butanone	2640	U
67-66-3	Chloroform	529	U
71-55-6	1,1,1-Trichloroethane	529	U
56-23-5	Carbon tetrachloride	529	U
563-58-6	1,1-Dichloropropene	529	U
71-43-2	Benzene	529	U
107-06-2	1,2-Dichloroethane	529	U
79-01-6	Trichloroethene	529	U
108-05-4	Vinyl acetate	1060	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD224

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747404 Lab File ID: 47404M.D

Sample wt/vol: 1.89 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1530

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	529	U
74-95-3	Dibromomethane	529	U
75-27-4	Bromodichloromethane	529	U
10061-01-5	cis-1,3-Dichloropropene	529	U
108-10-1	4-Methyl-2-pentanone	1060	U
108-88-3	Toluene	529	U
10061-02-6	trans-1,3-Dichloropropene	529	U
79-00-5	1,1,2-Trichloroethane	529	U
127-18-4	Tetrachloroethene	1320	U
142-28-9	1,3-Dichloropropane	529	U
591-78-6	2-Hexanone	1060	U
124-48-1	Dibromochloromethane	529	U
106-93-4	1,2-Dibromoethane(EDB)	529	U
108-90-7	Chlorobenzene	529	U
630-20-6	1,1,1,2-Tetrachloroethane	529	U
100-41-4	Ethylbenzene	529	U
511-39-00	p,m-Xylene	1060	U
95-47-6	o-Xylene	529	U
100-42-5	Styrene	529	U
75-25-2	Bromoform	1320	U
98-82-8	Isopropylbenzene (Cumene)	529	U
108-86-1	Bromobenzene	529	U
79-34-5	1,1,2,2-Tetrachloroethane	529	U
96-18-4	1,2,3-Trichloropropane	529	U
103-65-1	n-Propylbenzene	529	U
95-49-8	2-Chlorotoluene	529	U
106-43-4	4-Chlorotoluene	529	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD224

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747404 Lab File ID: 47404M.D

Sample wt/vol: 1.89 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1530

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	529	U
98-06-6	tert-Butylbenzene	529	U
95-63-6	1,2,4-Trimethylbenzene	529	U
135-98-8	sec-Butylbenzene	529	U
541-73-1	1,3-Dichlorobenzene	529	U
106-46-7	1,4-Dichlorobenzene	529	U
99-87-6	4-Isopropyltoluene	529	U
104-51-8	n-Butylbenzene	529	U
95-50-1	1,2-Dichlorobenzene	529	U
96-12-8	1,2-Dibromo-3-chloropropane	2640	U
120-82-1	1,2,4-Trichlorobenzene	529	U
87-68-3	Hexachlorobutadiene	794	U
91-20-3	Naphthalene	504	J
87-61-6	1,2,3-Trichlorobenzene	529	U
1634-04-4	MTBE	529	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD221

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747405 Lab File ID: 47405M.D

Sample wt/vol: 1.96 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1553

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	510	U
74-87-3	Chloromethane	510	U
75-01-4	Vinyl chloride	510	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	1280	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	510	U
107-02-8	Acrolein	6380	U
74-88-4	Methyl iodide	510	U
75-15-0	Carbon disulfide	510	U
75-09-2	Methylene chloride	1280	U
156-60-5	trans-1,2-Dichloroethene	510	U
107-13-1	Acrylonitrile	1280	U
75-34-3	1,1-Dichloroethane	510	U
67-64-1	Acetone	2550	U
594-20-7	2,2-Dichloropropane	510	U
156-59-2	cis-1,2-Dichloroethene	510	U
74-97-5	Bromochloromethane	510	U
78-93-3	2-Butanone	2550	U
67-66-3	Chloroform	510	U
71-55-6	1,1,1-Trichloroethane	510	U
56-23-5	Carbon tetrachloride	510	U
563-58-6	1,1-Dichloropropene	510	U
71-43-2	Benzene	510	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	510	U
108-05-4	Vinyl acetate	1020	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD221

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747405 Lab File ID: 47405M.D

Sample wt/vol: 1.96 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1553

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	510	U
74-95-3	Dibromomethane	510	U
75-27-4	Bromodichloromethane	510	U
10061-01-5	cis-1,3-Dichloropropene	510	U
108-10-1	4-Methyl-2-pentanone	1020	U
108-88-3	Toluene	510	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	1280	U
142-28-9	1,3-Dichloropropane	510	U
591-78-6	2-Hexanone	1020	U
124-48-1	Dibromochloromethane	510	U
106-93-4	1,2-Dibromoethane(EDB)	510	U
108-90-7	Chlorobenzene	510	U
630-20-6	1,1,1,2-Tetrachloroethane	510	U
100-41-4	Ethylbenzene	510	U
511-39-00	p,m-Xylene	1020	U
95-47-6	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	1280	U
98-82-8	Isopropylbenzene (Cumene)	510	U
108-86-1	Bromobenzene	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U
96-18-4	1,2,3-Trichloropropane	510	U
103-65-1	n-Propylbenzene	510	U
95-49-8	2-Chlorotoluene	510	U
106-43-4	4-Chlorotoluene	510	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD221

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747405 Lab File ID: 47405M.D

Sample wt/vol: 1.96 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1553

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	510	U
98-06-6	tert-Butylbenzene	510	U
95-63-6	1,2,4-Trimethylbenzene	510	U
135-98-8	sec-Butylbenzene	510	U
541-73-1	1,3-Dichlorobenzene	510	U
106-46-7	1,4-Dichlorobenzene	510	U
99-87-6	4-Isopropyltoluene	510	U
104-51-8	n-Butylbenzene	510	U
95-50-1	1,2-Dichlorobenzene	510	U
96-12-8	1,2-Dibromo-3-chloropropane	2550	U
120-82-1	1,2,4-Trichlorobenzene	510	U
87-68-3	Hexachlorobutadiene	765	U
91-20-3	Naphthalene	510	U
87-61-6	1,2,3-Trichlorobenzene	510	U
1634-04-4	MTBE	510	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD226

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406 Lab File ID: 47406M.D

Sample wt/vol: 1.69 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1617

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	592	U
74-87-3	Chloromethane	592	U
75-01-4	Vinyl chloride	592	U
74-83-9	Bromomethane	592	U
75-00-3	Chloroethane	1480	U
75-69-4	Trichlorofluoromethane	592	U
75-35-4	1,1-Dichloroethene	592	U
107-02-8	Acrolein	7400	U
74-88-4	Methyl iodide	592	U
75-15-0	Carbon disulfide	592	U
75-09-2	Methylene chloride	1480	U
156-60-5	trans-1,2-Dichloroethene	592	U
107-13-1	Acrylonitrile	1480	U
75-34-3	1,1-Dichloroethane	592	U
67-64-1	Acetone	61900	E
594-20-7	2,2-Dichloropropane	592	U
156-59-2	cis-1,2-Dichloroethene	592	U
74-97-5	Bromochloromethane	592	U
78-93-3	2-Butanone	2960	U
67-66-3	Chloroform	592	U
71-55-6	1,1,1-Trichloroethane	592	U
56-23-5	Carbon tetrachloride	592	U
563-58-6	1,1-Dichloropropene	592	U
71-43-2	Benzene	7230	
107-06-2	1,2-Dichloroethane	592	U
79-01-6	Trichloroethene	592	U
108-05-4	Vinyl acetate	1180	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD226

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406 Lab File ID: 47406M.D

Sample wt/vol: 1.69 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1617

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	592	U
74-95-3	Dibromomethane	592	U
75-27-4	Bromodichloromethane	592	U
10061-01-5	cis-1,3-Dichloropropene	592	U
108-10-1	4-Methyl-2-pentanone	5690	
108-88-3	Toluene	779	
10061-02-6	trans-1,3-Dichloropropene	592	U
79-00-5	1,1,2-Trichloroethane	592	U
127-18-4	Tetrachloroethene	1480	U
142-28-9	1,3-Dichloropropane	592	U
591-78-6	2-Hexanone	1180	U
124-48-1	Dibromochloromethane	592	U
106-93-4	1,2-Dibromoethane(EDB)	592	U
108-90-7	Chlorobenzene	592	U
630-20-6	1,1,1,2-Tetrachloroethane	592	U
100-41-4	Ethylbenzene	592	U
511-39-00	p,m-Xylene	1620	
95-47-6	o-Xylene	592	U
100-42-5	Styrene	592	U
75-25-2	Bromoform	1480	U
98-82-8	Isopropylbenzene (Cumene)	592	U
108-86-1	Bromobenzene	592	U
79-34-5	1,1,2,2-Tetrachloroethane	592	U
96-18-4	1,2,3-Trichloropropane	592	U
103-65-1	n-Propylbenzene	592	U
95-49-8	2-Chlorotoluene	592	U
106-43-4	4-Chlorotoluene	592	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD226

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406 Lab File ID: 47406M.D

Sample wt/vol: 1.69 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 1617

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	592	U
98-06-6	tert-Butylbenzene	592	U
95-63-6	1,2,4-Trimethylbenzene	333	J
135-98-8	sec-Butylbenzene	592	U
541-73-1	1,3-Dichlorobenzene	592	U
106-46-7	1,4-Dichlorobenzene	592	U
99-87-6	4-Isopropyltoluene	592	U
104-51-8	n-Butylbenzene	592	U
95-50-1	1,2-Dichlorobenzene	592	U
96-12-8	1,2-Dibromo-3-chloropropane	2960	U
120-82-1	1,2,4-Trichlorobenzene	592	U
87-68-3	Hexachlorobutadiene	888	U
91-20-3	Naphthalene	724	
87-61-6	1,2,3-Trichlorobenzene	592	U
1634-04-4	MTBE	180	J

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD226DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406DL1 Lab File ID: 47406MD.D

Sample wt/vol: 2.37 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0655

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1690	U
74-87-3	Chloromethane	1690	U
75-01-4	Vinyl chloride	1690	U
74-83-9	Bromomethane	1690	U
75-00-3	Chloroethane	4220	U
75-69-4	Trichlorofluoromethane	1690	U
75-35-4	1,1-Dichloroethene	1690	U
107-02-8	Acrolein	21100	U
74-88-4	Methyl iodide	1690	U
75-15-0	Carbon disulfide	1690	U
75-09-2	Methylene chloride	4220	U
156-60-5	trans-1,2-Dichloroethene	1690	U
107-13-1	Acrylonitrile	4220	U
75-34-3	1,1-Dichloroethane	1690	U
67-64-1	Acetone	61100	
594-20-7	2,2-Dichloropropane	1690	U
156-59-2	cis-1,2-Dichloroethene	1690	U
74-97-5	Bromochloromethane	1690	U
78-93-3	2-Butanone	8440	U
67-66-3	Chloroform	1690	U
71-55-6	1,1,1-Trichloroethane	1690	U
56-23-5	Carbon tetrachloride	1690	U
563-58-6	1,1-Dichloropropene	1690	U
71-43-2	Benzene	5660	
107-06-2	1,2-Dichloroethane	1690	U
79-01-6	Trichloroethene	1690	U
108-05-4	Vinyl acetate	3380	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD226DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406DL1 Lab File ID: 47406MD.D

Sample wt/vol: 2.37 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0655

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1690	U
74-95-3	Dibromomethane	1690	U
75-27-4	Bromodichloromethane	1690	U
10061-01-5	cis-1,3-Dichloropropene	1690	U
108-10-1	4-Methyl-2-pentanone	4860	
108-88-3	Toluene	556	J
10061-02-6	trans-1,3-Dichloropropene	1690	U
79-00-5	1,1,2-Trichloroethane	1690	U
127-18-4	Tetrachloroethene	4220	U
142-28-9	1,3-Dichloropropane	1690	U
591-78-6	2-Hexanone	3380	U
124-48-1	Dibromochloromethane	1690	U
106-93-4	1,2-Dibromoethane(EDB)	1690	U
108-90-7	Chlorobenzene	1690	U
630-20-6	1,1,1,2-Tetrachloroethane	1690	U
100-41-4	Ethylbenzene	1690	U
511-39-00	p,m-Xylene	1160	J
95-47-6	o-Xylene	1690	U
100-42-5	Styrene	1690	U
75-25-2	Bromoform	4220	U
98-82-8	Isopropylbenzene (Cumene)	1690	U
108-86-1	Bromobenzene	1690	U
79-34-5	1,1,2,2-Tetrachloroethane	1690	U
96-18-4	1,2,3-Trichloropropane	1690	U
103-65-1	n-Propylbenzene	1690	U
95-49-8	2-Chlorotoluene	1690	U
106-43-4	4-Chlorotoluene	1690	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD226DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406DL1 Lab File ID: 47406MD.D

Sample wt/vol: 2.37 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/09/07 Time: 0655

PercentSolids: 100 decanted : (Dilution Factor: 200

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1690	U
98-06-6	tert-Butylbenzene	1690	U
95-63-6	1,2,4-Trimethylbenzene	1690	U
135-98-8	sec-Butylbenzene	1690	U
541-73-1	1,3-Dichlorobenzene	1690	U
106-46-7	1,4-Dichlorobenzene	1690	U
99-87-6	4-Isopropyltoluene	1690	U
104-51-8	n-Butylbenzene	1690	U
95-50-1	1,2-Dichlorobenzene	1690	U
96-12-8	1,2-Dibromo-3-chloropropane	8440	U
120-82-1	1,2,4-Trichlorobenzene	1690	U
87-68-3	Hexachlorobutadiene	2530	U
91-20-3	Naphthalene	1690	U
87-61-6	1,2,3-Trichlorobenzene	1690	U
1634-04-4	MTBE	1690	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD225

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747407 Lab File ID: 47407M.D

Sample wt/vol: 1.87 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1758

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	535	U
74-87-3	Chloromethane	535	U
75-01-4	Vinyl chloride	535	U
74-83-9	Bromomethane	535	U
75-00-3	Chloroethane	1340	U
75-69-4	Trichlorofluoromethane	535	U
75-35-4	1,1-Dichloroethene	535	U
107-02-8	Acrolein	6680	U
74-88-4	Methyl iodide	535	U
75-15-0	Carbon disulfide	535	U
75-09-2	Methylene chloride	1340	U
156-60-5	trans-1,2-Dichloroethene	535	U
107-13-1	Acrylonitrile	1340	U
75-34-3	1,1-Dichloroethane	535	U
67-64-1	Acetone	2670	U
594-20-7	2,2-Dichloropropane	535	U
156-59-2	cis-1,2-Dichloroethene	535	U
74-97-5	Bromochloromethane	535	U
78-93-3	2-Butanone	2670	U
67-66-3	Chloroform	535	U
71-55-6	1,1,1-Trichloroethane	535	U
56-23-5	Carbon tetrachloride	535	U
563-58-6	1,1-Dichloropropene	535	U
71-43-2	Benzene	535	U
107-06-2	1,2-Dichloroethane	535	U
79-01-6	Trichloroethene	535	U
108-05-4	Vinyl acetate	1070	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD225

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747407 Lab File ID: 47407M.D

Sample wt/vol: 1.87 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1758

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	535	U
74-95-3	Dibromomethane	535	U
75-27-4	Bromodichloromethane	535	U
10061-01-5	cis-1,3-Dichloropropene	535	U
108-10-1	4-Methyl-2-pentanone	1070	U
108-88-3	Toluene	535	U
10061-02-6	trans-1,3-Dichloropropene	535	U
79-00-5	1,1,2-Trichloroethane	535	U
127-18-4	Tetrachloroethene	1340	U
142-28-9	1,3-Dichloropropane	535	U
591-78-6	2-Hexanone	1070	U
124-48-1	Dibromochloromethane	535	U
106-93-4	1,2-Dibromoethane(EDB)	535	U
108-90-7	Chlorobenzene	535	U
630-20-6	1,1,1,2-Tetrachloroethane	535	U
100-41-4	Ethylbenzene	535	U
511-39-00	p,m-Xylene	1070	U
95-47-6	o-Xylene	535	U
100-42-5	Styrene	535	U
75-25-2	Bromoform	1340	U
98-82-8	Isopropylbenzene (Cumene)	535	U
108-86-1	Bromobenzene	535	U
79-34-5	1,1,2,2-Tetrachloroethane	535	U
96-18-4	1,2,3-Trichloropropane	535	U
103-65-1	n-Propylbenzene	535	U
95-49-8	2-Chlorotoluene	535	U
106-43-4	4-Chlorotoluene	535	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD225

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747407 Lab File ID: 47407M.D

Sample wt/vol: 1.87 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1758

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	535	U
98-06-6	tert-Butylbenzene	535	U
95-63-6	1,2,4-Trimethylbenzene	535	U
135-98-8	sec-Butylbenzene	535	U
541-73-1	1,3-Dichlorobenzene	535	U
106-46-7	1,4-Dichlorobenzene	535	U
99-87-6	4-Isopropyltoluene	535	U
104-51-8	n-Butylbenzene	535	U
95-50-1	1,2-Dichlorobenzene	535	U
96-12-8	1,2-Dibromo-3-chloropropane	2670	U
120-82-1	1,2,4-Trichlorobenzene	535	U
87-68-3	Hexachlorobutadiene	802	U
91-20-3	Naphthalene	535	U
87-61-6	1,2,3-Trichlorobenzene	535	U
1634-04-4	MTBE	535	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD231

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747408 Lab File ID: 47408M.D

Sample wt/vol: 1.79 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1735

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	559	U
74-87-3	Chloromethane	559	U
75-01-4	Vinyl chloride	559	U
74-83-9	Bromomethane	559	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	559	U
75-35-4	1,1-Dichloroethene	559	U
107-02-8	Acrolein	6980	U
74-88-4	Methyl iodide	559	U
75-15-0	Carbon disulfide	559	U
75-09-2	Methylene chloride	1400	U
156-60-5	trans-1,2-Dichloroethene	559	U
107-13-1	Acrylonitrile	1400	U
75-34-3	1,1-Dichloroethane	559	U
67-64-1	Acetone	2790	U
594-20-7	2,2-Dichloropropane	559	U
156-59-2	cis-1,2-Dichloroethene	559	U
74-97-5	Bromochloromethane	559	U
78-93-3	2-Butanone	2790	U
67-66-3	Chloroform	559	U
71-55-6	1,1,1-Trichloroethane	559	U
56-23-5	Carbon tetrachloride	559	U
563-58-6	1,1-Dichloropropene	559	U
71-43-2	Benzene	559	U
107-06-2	1,2-Dichloroethane	559	U
79-01-6	Trichloroethene	559	U
108-05-4	Vinyl acetate	1120	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD231

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747408 Lab File ID: 47408M.D

Sample wt/vol: 1.79 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1735

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	559	U
74-95-3	Dibromomethane	559	U
75-27-4	Bromodichloromethane	559	U
10061-01-5	cis-1,3-Dichloropropene	559	U
108-10-1	4-Methyl-2-pentanone	1120	U
108-88-3	Toluene	559	U
10061-02-6	trans-1,3-Dichloropropene	559	U
79-00-5	1,1,2-Trichloroethane	559	U
127-18-4	Tetrachloroethene	1400	U
142-28-9	1,3-Dichloropropane	559	U
591-78-6	2-Hexanone	1120	U
124-48-1	Dibromochloromethane	559	U
106-93-4	1,2-Dibromoethane(EDB)	559	U
108-90-7	Chlorobenzene	559	U
630-20-6	1,1,1,2-Tetrachloroethane	559	U
100-41-4	Ethylbenzene	559	U
511-39-00	p,m-Xylene	1120	U
95-47-6	o-Xylene	559	U
100-42-5	Styrene	559	U
75-25-2	Bromoform	1400	U
98-82-8	Isopropylbenzene (Cumene)	559	U
108-86-1	Bromobenzene	559	U
79-34-5	1,1,2,2-Tetrachloroethane	559	U
96-18-4	1,2,3-Trichloropropane	559	U
103-65-1	n-Propylbenzene	559	U
95-49-8	2-Chlorotoluene	559	U
106-43-4	4-Chlorotoluene	559	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD231

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747408 Lab File ID: 47408M.D

Sample wt/vol: 1.79 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1735

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	559	U
98-06-6	tert-Butylbenzene	559	U
95-63-6	1,2,4-Trimethylbenzene	559	U
135-98-8	sec-Butylbenzene	559	U
541-73-1	1,3-Dichlorobenzene	559	U
106-46-7	1,4-Dichlorobenzene	559	U
99-87-6	4-Isopropyltoluene	559	U
104-51-8	n-Butylbenzene	559	U
95-50-1	1,2-Dichlorobenzene	559	U
96-12-8	1,2-Dibromo-3-chloropropane	2790	U
120-82-1	1,2,4-Trichlorobenzene	559	U
87-68-3	Hexachlorobutadiene	838	U
91-20-3	Naphthalene	559	U
87-61-6	1,2,3-Trichlorobenzene	559	U
1634-04-4	MTBE	559	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD38

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747409 Lab File ID: 47409M.D

Sample wt/vol: 1.81 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1711

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	552	U
74-87-3	Chloromethane	552	U
75-01-4	Vinyl chloride	552	U
74-83-9	Bromomethane	552	U
75-00-3	Chloroethane	1380	U
75-69-4	Trichlorofluoromethane	552	U
75-35-4	1,1-Dichloroethene	552	U
107-02-8	Acrolein	6910	U
74-88-4	Methyl iodide	552	U
75-15-0	Carbon disulfide	552	U
75-09-2	Methylene chloride	1380	U
156-60-5	trans-1,2-Dichloroethene	552	U
107-13-1	Acrylonitrile	1380	U
75-34-3	1,1-Dichloroethane	552	U
67-64-1	Acetone	7230	
594-20-7	2,2-Dichloropropane	552	U
156-59-2	cis-1,2-Dichloroethene	552	U
74-97-5	Bromochloromethane	552	U
78-93-3	2-Butanone	2760	U
67-66-3	Chloroform	552	U
71-55-6	1,1,1-Trichloroethane	552	U
56-23-5	Carbon tetrachloride	552	U
563-58-6	1,1-Dichloropropene	552	U
71-43-2	Benzene	552	U
107-06-2	1,2-Dichloroethane	552	U
79-01-6	Trichloroethene	552	U
108-05-4	Vinyl acetate	1100	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD38

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747409 Lab File ID: 47409M.D

Sample wt/vol: 1.81 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1711

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	552	U
74-95-3	Dibromomethane	552	U
75-27-4	Bromodichloromethane	552	U
10061-01-5	cis-1,3-Dichloropropene	552	U
108-10-1	4-Methyl-2-pentanone	1100	U
108-88-3	Toluene	552	U
10061-02-6	trans-1,3-Dichloropropene	552	U
79-00-5	1,1,2-Trichloroethane	552	U
127-18-4	Tetrachloroethene	1380	U
142-28-9	1,3-Dichloropropane	552	U
591-78-6	2-Hexanone	1100	U
124-48-1	Dibromochloromethane	552	U
106-93-4	1,2-Dibromoethane(EDB)	552	U
108-90-7	Chlorobenzene	552	U
630-20-6	1,1,1,2-Tetrachloroethane	552	U
100-41-4	Ethylbenzene	552	U
511-39-00	p,m-Xylene	1100	U
95-47-6	o-Xylene	552	U
100-42-5	Styrene	552	U
75-25-2	Bromoform	1380	U
98-82-8	Isopropylbenzene (Cumene)	552	U
108-86-1	Bromobenzene	552	U
79-34-5	1,1,2,2-Tetrachloroethane	552	U
96-18-4	1,2,3-Trichloropropane	552	U
103-65-1	n-Propylbenzene	552	U
95-49-8	2-Chlorotoluene	552	U
106-43-4	4-Chlorotoluene	552	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD38

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747409 Lab File ID: 47409M.D

Sample wt/vol: 1.81 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1711

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	552	U
98-06-6	tert-Butylbenzene	552	U
95-63-6	1,2,4-Trimethylbenzene	552	U
135-98-8	sec-Butylbenzene	552	U
541-73-1	1,3-Dichlorobenzene	552	U
106-46-7	1,4-Dichlorobenzene	552	U
99-87-6	4-Isopropyltoluene	552	U
104-51-8	n-Butylbenzene	552	U
95-50-1	1,2-Dichlorobenzene	552	U
96-12-8	1,2-Dibromo-3-chloropropane	2760	U
120-82-1	1,2,4-Trichlorobenzene	552	U
87-68-3	Hexachlorobutadiene	829	U
91-20-3	Naphthalene	552	U
87-61-6	1,2,3-Trichlorobenzene	552	U
1634-04-4	MTBE	552	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD227

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747410 Lab File ID: 47410M.D

Sample wt/vol: 1.62 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1648

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	617	U
74-87-3	Chloromethane	617	U
75-01-4	Vinyl chloride	617	U
74-83-9	Bromomethane	617	U
75-00-3	Chloroethane	1540	U
75-69-4	Trichlorofluoromethane	617	U
75-35-4	1,1-Dichloroethene	617	U
107-02-8	Acrolein	7720	U
74-88-4	Methyl iodide	617	U
75-15-0	Carbon disulfide	617	U
75-09-2	Methylene chloride	1540	U
156-60-5	trans-1,2-Dichloroethene	617	U
107-13-1	Acrylonitrile	1540	U
75-34-3	1,1-Dichloroethane	617	U
67-64-1	Acetone	3090	U
594-20-7	2,2-Dichloropropane	617	U
156-59-2	cis-1,2-Dichloroethene	617	U
74-97-5	Bromochloromethane	617	U
78-93-3	2-Butanone	3090	U
67-66-3	Chloroform	617	U
71-55-6	1,1,1-Trichloroethane	617	U
56-23-5	Carbon tetrachloride	617	U
563-58-6	1,1-Dichloropropene	617	U
71-43-2	Benzene	617	U
107-06-2	1,2-Dichloroethane	617	U
79-01-6	Trichloroethene	617	U
108-05-4	Vinyl acetate	1230	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD227

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747410 Lab File ID: 47410M.D

Sample wt/vol: 1.62 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1648

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	617	U
74-95-3	Dibromomethane	617	U
75-27-4	Bromodichloromethane	617	U
10061-01-5	cis-1,3-Dichloropropene	617	U
108-10-1	4-Methyl-2-pentanone	1230	U
108-88-3	Toluene	617	U
10061-02-6	trans-1,3-Dichloropropene	617	U
79-00-5	1,1,2-Trichloroethane	617	U
127-18-4	Tetrachloroethene	1540	U
142-28-9	1,3-Dichloropropane	617	U
591-78-6	2-Hexanone	1230	U
124-48-1	Dibromochloromethane	617	U
106-93-4	1,2-Dibromoethane(EDB)	617	U
108-90-7	Chlorobenzene	617	U
630-20-6	1,1,1,2-Tetrachloroethane	617	U
100-41-4	Ethylbenzene	617	U
511-39-00	p,m-Xylene	1230	U
95-47-6	o-Xylene	617	U
100-42-5	Styrene	617	U
75-25-2	Bromoform	1540	U
98-82-8	Isopropylbenzene (Cumene)	617	U
108-86-1	Bromobenzene	617	U
79-34-5	1,1,2,2-Tetrachloroethane	617	U
96-18-4	1,2,3-Trichloropropane	617	U
103-65-1	n-Propylbenzene	617	U
95-49-8	2-Chlorotoluene	617	U
106-43-4	4-Chlorotoluene	617	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD227

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747410 Lab File ID: 47410M.D

Sample wt/vol: 1.62 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1648

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	617	U
98-06-6	tert-Butylbenzene	617	U
95-63-6	1,2,4-Trimethylbenzene	617	U
135-98-8	sec-Butylbenzene	617	U
541-73-1	1,3-Dichlorobenzene	617	U
106-46-7	1,4-Dichlorobenzene	617	U
99-87-6	4-Isopropyltoluene	617	U
104-51-8	n-Butylbenzene	617	U
95-50-1	1,2-Dichlorobenzene	617	U
96-12-8	1,2-Dibromo-3-chloropropane	3090	U
120-82-1	1,2,4-Trichlorobenzene	617	U
87-68-3	Hexachlorobutadiene	926	U
91-20-3	Naphthalene	617	U
87-61-6	1,2,3-Trichlorobenzene	617	U
1634-04-4	MTBE	617	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD232

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747411 Lab File ID: 47411M.D

Sample wt/vol: 1.83 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1624

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	546	U
74-87-3	Chloromethane	546	U
75-01-4	Vinyl chloride	546	U
74-83-9	Bromomethane	546	U
75-00-3	Chloroethane	1370	U
75-69-4	Trichlorofluoromethane	546	U
75-35-4	1,1-Dichloroethene	546	U
107-02-8	Acrolein	6830	U
74-88-4	Methyl iodide	546	U
75-15-0	Carbon disulfide	546	U
75-09-2	Methylene chloride	1370	U
156-60-5	trans-1,2-Dichloroethene	546	U
107-13-1	Acrylonitrile	1370	U
75-34-3	1,1-Dichloroethane	546	U
67-64-1	Acetone	2730	U
594-20-7	2,2-Dichloropropane	546	U
156-59-2	cis-1,2-Dichloroethene	546	U
74-97-5	Bromochloromethane	546	U
78-93-3	2-Butanone	2730	U
67-66-3	Chloroform	546	U
71-55-6	1,1,1-Trichloroethane	546	U
56-23-5	Carbon tetrachloride	546	U
563-58-6	1,1-Dichloropropene	546	U
71-43-2	Benzene	546	U
107-06-2	1,2-Dichloroethane	546	U
79-01-6	Trichloroethene	546	U
108-05-4	Vinyl acetate	1090	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD232

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747411 Lab File ID: 47411M.D

Sample wt/vol: 1.83 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1624

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	546	U
74-95-3	Dibromomethane	546	U
75-27-4	Bromodichloromethane	546	U
10061-01-5	cis-1,3-Dichloropropene	546	U
108-10-1	4-Methyl-2-pentanone	1090	U
108-88-3	Toluene	546	U
10061-02-6	trans-1,3-Dichloropropene	546	U
79-00-5	1,1,2-Trichloroethane	546	U
127-18-4	Tetrachloroethene	1370	U
142-28-9	1,3-Dichloropropane	546	U
591-78-6	2-Hexanone	1090	U
124-48-1	Dibromochloromethane	546	U
106-93-4	1,2-Dibromoethane(EDB)	546	U
108-90-7	Chlorobenzene	546	U
630-20-6	1,1,1,2-Tetrachloroethane	546	U
100-41-4	Ethylbenzene	546	U
511-39-00	p,m-Xylene	1090	U
95-47-6	o-Xylene	546	U
100-42-5	Styrene	546	U
75-25-2	Bromoform	1370	U
98-82-8	Isopropylbenzene (Cumene)	546	U
108-86-1	Bromobenzene	546	U
79-34-5	1,1,2,2-Tetrachloroethane	546	U
96-18-4	1,2,3-Trichloropropane	546	U
103-65-1	n-Propylbenzene	546	U
95-49-8	2-Chlorotoluene	546	U
106-43-4	4-Chlorotoluene	546	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD232

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747411 Lab File ID: 47411M.D

Sample wt/vol: 1.83 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1624

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	546	U
98-06-6	tert-Butylbenzene	546	U
95-63-6	1,2,4-Trimethylbenzene	546	U
135-98-8	sec-Butylbenzene	546	U
541-73-1	1,3-Dichlorobenzene	546	U
106-46-7	1,4-Dichlorobenzene	546	U
99-87-6	4-Isopropyltoluene	546	U
104-51-8	n-Butylbenzene	546	U
95-50-1	1,2-Dichlorobenzene	546	U
96-12-8	1,2-Dibromo-3-chloropropane	2730	U
120-82-1	1,2,4-Trichlorobenzene	546	U
87-68-3	Hexachlorobutadiene	820	U
91-20-3	Naphthalene	546	U
87-61-6	1,2,3-Trichlorobenzene	546	U
1634-04-4	MTBE	546	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD42

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747412 Lab File ID: 47412M.D

Sample wt/vol: 0.74 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1606

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	1350	U
74-87-3	Chloromethane	1350	U
75-01-4	Vinyl chloride	1350	U
74-83-9	Bromomethane	1350	U
75-00-3	Chloroethane	3380	U
75-69-4	Trichlorofluoromethane	1350	U
75-35-4	1,1-Dichloroethene	1350	U
107-02-8	Acrolein	16900	U
74-88-4	Methyl iodide	1350	U
75-15-0	Carbon disulfide	1350	U
75-09-2	Methylene chloride	3380	U
156-60-5	trans-1,2-Dichloroethene	1350	U
107-13-1	Acrylonitrile	3380	U
75-34-3	1,1-Dichloroethane	1350	U
67-64-1	Acetone	6760	U
594-20-7	2,2-Dichloropropane	1350	U
156-59-2	cis-1,2-Dichloroethene	1350	U
74-97-5	Bromochloromethane	1350	U
78-93-3	2-Butanone	6760	U
67-66-3	Chloroform	1350	U
71-55-6	1,1,1-Trichloroethane	1350	U
56-23-5	Carbon tetrachloride	1350	U
563-58-6	1,1-Dichloropropene	1350	U
71-43-2	Benzene	1350	U
107-06-2	1,2-Dichloroethane	1350	U
79-01-6	Trichloroethene	1350	U
108-05-4	Vinyl acetate	2700	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD42

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747412 Lab File ID: 47412M.D

Sample wt/vol: 0.74 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1606

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	1350	U
74-95-3	Dibromomethane	1350	U
75-27-4	Bromodichloromethane	1350	U
10061-01-5	cis-1,3-Dichloropropene	1350	U
108-10-1	4-Methyl-2-pentanone	2700	U
108-88-3	Toluene	7670	
10061-02-6	trans-1,3-Dichloropropene	1350	U
79-00-5	1,1,2-Trichloroethane	1350	U
127-18-4	Tetrachloroethene	3380	U
142-28-9	1,3-Dichloropropane	1350	U
591-78-6	2-Hexanone	2700	U
124-48-1	Dibromochloromethane	1350	U
106-93-4	1,2-Dibromoethane(EDB)	1350	U
108-90-7	Chlorobenzene	1350	U
630-20-6	1,1,1,2-Tetrachloroethane	1350	U
100-41-4	Ethylbenzene	2820	
511-39-00	p,m-Xylene	11700	
95-47-6	o-Xylene	5290	
100-42-5	Styrene	1350	U
75-25-2	Bromoform	3380	U
98-82-8	Isopropylbenzene (Cumene)	1350	U
108-86-1	Bromobenzene	1350	U
79-34-5	1,1,2,2-Tetrachloroethane	1350	U
96-18-4	1,2,3-Trichloropropane	1350	U
103-65-1	n-Propylbenzene	198	J
95-49-8	2-Chlorotoluene	1350	U
106-43-4	4-Chlorotoluene	1350	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD42

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747412 Lab File ID: 47412M.D

Sample wt/vol: 0.74 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1606

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	1120	J
98-06-6	tert-Butylbenzene	1350	U
95-63-6	1,2,4-Trimethylbenzene	4170	
135-98-8	sec-Butylbenzene	1350	U
541-73-1	1,3-Dichlorobenzene	1350	U
106-46-7	1,4-Dichlorobenzene	1350	U
99-87-6	4-Isopropyltoluene	1350	U
104-51-8	n-Butylbenzene	1170	J
95-50-1	1,2-Dichlorobenzene	1350	U
96-12-8	1,2-Dibromo-3-chloropropane	6760	U
120-82-1	1,2,4-Trichlorobenzene	1350	U
87-68-3	Hexachlorobutadiene	2030	U
91-20-3	Naphthalene	17100	
87-61-6	1,2,3-Trichlorobenzene	1350	U
1634-04-4	MTBE	1350	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD201

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747413 Lab File ID: 47413M.D

Sample wt/vol: 1.7 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1633

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	588	U
74-87-3	Chloromethane	588	U
75-01-4	Vinyl chloride	588	U
74-83-9	Bromomethane	588	U
75-00-3	Chloroethane	1470	U
75-69-4	Trichlorofluoromethane	588	U
75-35-4	1,1-Dichloroethene	588	U
107-02-8	Acrolein	7350	U
74-88-4	Methyl iodide	588	U
75-15-0	Carbon disulfide	588	U
75-09-2	Methylene chloride	1470	U
156-60-5	trans-1,2-Dichloroethene	588	U
107-13-1	Acrylonitrile	1470	U
75-34-3	1,1-Dichloroethane	588	U
67-64-1	Acetone	1590	J
594-20-7	2,2-Dichloropropane	588	U
156-59-2	cis-1,2-Dichloroethene	588	U
74-97-5	Bromochloromethane	588	U
78-93-3	2-Butanone	2940	U
67-66-3	Chloroform	588	U
71-55-6	1,1,1-Trichloroethane	588	U
56-23-5	Carbon tetrachloride	588	U
563-58-6	1,1-Dichloropropene	588	U
71-43-2	Benzene	588	U
107-06-2	1,2-Dichloroethane	588	U
79-01-6	Trichloroethene	588	U
108-05-4	Vinyl acetate	1180	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD201

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747413 Lab File ID: 47413M.D

Sample wt/vol: 1.7 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1633

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	588	U
74-95-3	Dibromomethane	588	U
75-27-4	Bromodichloromethane	588	U
10061-01-5	cis-1,3-Dichloropropene	588	U
108-10-1	4-Methyl-2-pentanone	1180	U
108-88-3	Toluene	588	U
10061-02-6	trans-1,3-Dichloropropene	588	U
79-00-5	1,1,2-Trichloroethane	588	U
127-18-4	Tetrachloroethene	1470	U
142-28-9	1,3-Dichloropropane	588	U
591-78-6	2-Hexanone	1180	U
124-48-1	Dibromochloromethane	588	U
106-93-4	1,2-Dibromoethane(EDB)	588	U
108-90-7	Chlorobenzene	588	U
630-20-6	1,1,1,2-Tetrachloroethane	588	U
100-41-4	Ethylbenzene	588	U
511-39-00	p,m-Xylene	1180	U
95-47-6	o-Xylene	588	U
100-42-5	Styrene	588	U
75-25-2	Bromoform	1470	U
98-82-8	Isopropylbenzene (Cumene)	588	U
108-86-1	Bromobenzene	588	U
79-34-5	1,1,2,2-Tetrachloroethane	588	U
96-18-4	1,2,3-Trichloropropane	588	U
103-65-1	n-Propylbenzene	588	U
95-49-8	2-Chlorotoluene	588	U
106-43-4	4-Chlorotoluene	588	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD201

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747413 Lab File ID: 47413M.D

Sample wt/vol: 1.7 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 1633

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	588	U
98-06-6	tert-Butylbenzene	588	U
95-63-6	1,2,4-Trimethylbenzene	588	U
135-98-8	sec-Butylbenzene	588	U
541-73-1	1,3-Dichlorobenzene	588	U
106-46-7	1,4-Dichlorobenzene	588	U
99-87-6	4-Isopropyltoluene	588	U
104-51-8	n-Butylbenzene	588	U
95-50-1	1,2-Dichlorobenzene	588	U
96-12-8	1,2-Dibromo-3-chloropropane	2940	U
120-82-1	1,2,4-Trichlorobenzene	588	U
87-68-3	Hexachlorobutadiene	882	U
91-20-3	Naphthalene	3280	
87-61-6	1,2,3-Trichlorobenzene	588	U
1634-04-4	MTBE	588	U

QC Summary

130907 1511

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090607BLKA22

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090607BLKA22 Lab File ID: BLK22.D

Sample wt/vol: 5 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/06/07 Time: 0913

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0822

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0822

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090707BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090707BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/07/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/07/07 Time: 0822

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090807BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1204

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090807BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1204

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090807BLKA32 Lab File ID: BLK32.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 1204

PercentSolids: 100 decanted : ( ) Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090807BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 2328

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
107-02-8	Acrolein	2500	U
74-88-4	Methyl iodide	200	U
75-15-0	Carbon disulfide	200	U
75-09-2	Methylene chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
107-13-1	Acrylonitrile	500	U
75-34-3	1,1-Dichloroethane	200	U
67-64-1	Acetone	1000	U
594-20-7	2,2-Dichloropropane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
74-97-5	Bromochloromethane	200	U
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
563-58-6	1,1-Dichloropropene	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
79-01-6	Trichloroethene	200	U
108-05-4	Vinyl acetate	400	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090807BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 2328

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
78-87-5	1,2-Dichloropropane	200	U
74-95-3	Dibromomethane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	500	U
142-28-9	1,3-Dichloropropane	200	U
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane(EDB)	200	U
108-90-7	Chlorobenzene	200	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
100-41-4	Ethylbenzene	200	U
511-39-00	p,m-Xylene	400	U
95-47-6	o-Xylene	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene (Cumene)	200	U
108-86-1	Bromobenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
96-18-4	1,2,3-Trichloropropane	200	U
103-65-1	n-Propylbenzene	200	U
95-49-8	2-Chlorotoluene	200	U
106-43-4	4-Chlorotoluene	200	U

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 090807BLKA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 090807BLKA34 Lab File ID: BLK34.D

Sample wt/vol: 5 Units: G Date Received: 09/08/07

Concentrated Extract Volume: 10 Date Extracted:

Level:(low/med) HIGH Date Analyzed: 09/08/07 Time: 2328

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
108-67-8	1,3,5-Trimethylbenzene	200	U
98-06-6	tert-Butylbenzene	200	U
95-63-6	1,2,4-Trimethylbenzene	200	U
135-98-8	sec-Butylbenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
99-87-6	4-Isopropyltoluene	200	U
104-51-8	n-Butylbenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	200	U
87-68-3	Hexachlorobutadiene	300	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	200	U
1634-04-4	MTBE	200	U

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1980	99.0		30.0	45 - 128
Chloromethane	2000	1880	94.0		30.0	70 - 130
Vinyl chloride	2000	1830	91.5		30.0	70 - 130
Bromomethane	2000	1890	94.5		30.0	39 - 148
Chloroethane	2000	1840	92.0		30.0	55 - 139
Trichlorofluoromethane	2000	2080	104.0		30.0	70 - 130
1,1-Dichloroethene	2000	1900	95.0		30.0	70 - 130
Acrolein	6000	5880	98.0		30.0	69 - 130
Methyl iodide	2000	1940	97.0		30.0	55 - 133
Carbon disulfide	2000	2420	121.0		30.0	65 - 130
Methylene chloride	2000	2010	100.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	1870	93.5		30.0	70 - 130
Acrylonitrile	6000	5990	99.8		30.0	70 - 130
1,1-Dichloroethane	2000	2010	100.0		30.0	70 - 130
Acetone	6000	5860	97.7		30.0	58 - 133
2,2-Dichloropropane	2000	2180	109.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2010	100.0		30.0	70 - 130
Bromochloromethane	2000	1980	99.0		30.0	70 - 130
2-Butanone	6000	5440	90.7		30.0	70 - 130
Chloroform	2000	2100	105.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	1960	98.0		30.0	70 - 130
Carbon tetrachloride	2000	1930	96.5		30.0	70 - 130
1,1-Dichloropropene	2000	1900	95.0		30.0	70 - 130
Benzene	2000	1930	96.5		30.0	70 - 130
1,2-Dichloroethane	2000	2060	103.0		30.0	70 - 130
Trichloroethene	2000	2020	101.0		30.0	70 - 130
Vinyl acetate	2000	2070	104.0		30.0	70 - 130
1,2-Dichloropropane	2000	2030	102.0		30.0	70 - 130
Dibromomethane	2000	2020	101.0		30.0	70 - 130
Bromodichloromethane	2000	2010	100.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2080	104.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6010	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1511

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2020	101.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2030	102.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2030	102.0		30.0	70 - 130
Tetrachloroethene	2000	1950	97.5		30.0	70 - 130
1,3-Dichloropropane	2000	1910	95.5		30.0	70 - 130
2-Hexanone	6000	5350	89.2		30.0	70 - 130
Dibromochloromethane	2000	1970	98.5		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1980	99.0		30.0	70 - 130
Chlorobenzene	2000	1990	99.5		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2120	106.0		30.0	70 - 130
Ethylbenzene	2000	1900	95.0		30.0	70 - 130
p,m-Xylene	4000	3960	99.0		30.0	70 - 130
o-Xylene	2000	2020	101.0		30.0	70 - 130
Styrene	2000	2290	114.0		30.0	70 - 130
Bromoform	2000	1800	90.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2010	100.0		30.0	70 - 130
Bromobenzene	2000	2050	102.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1940	97.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2040	102.0		30.0	70 - 130
n-Propylbenzene	2000	1900	95.0		30.0	70 - 130
2-Chlorotoluene	2000	2070	104.0		30.0	70 - 130
4-Chlorotoluene	2000	2090	104.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	2120	106.0		30.0	70 - 130
tert-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	2090	104.0		30.0	70 - 130
sec-Butylbenzene	2000	1960	98.0		30.0	70 - 130
1,3-Dichlorobenzene	2000	2040	102.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1970	98.5		30.0	70 - 130
4-Isopropyltoluene	2000	1980	99.0		30.0	70 - 130
n-Butylbenzene	2000	1990	99.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	2030	102.0		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2040	102.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1511

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090607LCSA21

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1780	89.0		30.0	65 - 130
Hexachlorobutadiene	2000	1780	89.0		30.0	70 - 130
Naphthalene	2000	2000	100.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1950	97.5		30.0	70 - 130
MTBE	2000	2110	106.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1511

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090707LCSA32

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	2010	100.0		30.0	45 - 128
Chloromethane	2000	1900	95.0		30.0	70 - 130
Vinyl chloride	2000	1980	99.0		30.0	70 - 130
Bromomethane	2000	1950	97.5		30.0	39 - 148
Chloroethane	2000	2090	104.0		30.0	55 - 139
Trichlorofluoromethane	2000	1760	88.0		30.0	70 - 130
1,1-Dichloroethene	2000	2210	110.0		30.0	70 - 130
Acrolein	6000	5330	88.8		30.0	69 - 130
Methyl iodide	2000	2610	130.0		30.0	55 - 133
Carbon disulfide	2000	1850	92.5		30.0	65 - 130
Methylene chloride	2000	1990	99.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2090	104.0		30.0	70 - 130
Acrylonitrile	6000	6080	101.0		30.0	70 - 130
1,1-Dichloroethane	2000	2050	102.0		30.0	70 - 130
Acetone	6000	7370	123.0		30.0	58 - 133
2,2-Dichloropropane	2000	2620	131.0 *		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2020	101.0		30.0	70 - 130
Bromochloromethane	2000	2040	102.0		30.0	70 - 130
2-Butanone	6000	6220	104.0		30.0	70 - 130
Chloroform	2000	2060	103.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2130	106.0		30.0	70 - 130
Carbon tetrachloride	2000	2060	103.0		30.0	70 - 130
1,1-Dichloropropene	2000	2050	102.0		30.0	70 - 130
Benzene	2000	2060	103.0		30.0	70 - 130
1,2-Dichloroethane	2000	2060	103.0		30.0	70 - 130
Trichloroethene	2000	2020	101.0		30.0	70 - 130
Vinyl acetate	2000	2270	114.0		30.0	70 - 130
1,2-Dichloropropane	2000	2030	102.0		30.0	70 - 130
Dibromomethane	2000	2000	100.0		30.0	70 - 130
Bromodichloromethane	2000	2020	101.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2110	106.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6000	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1511

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090707LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2060	103.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2200	110.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2030	102.0		30.0	70 - 130
Tetrachloroethene	2000	2010	100.0		30.0	70 - 130
1,3-Dichloropropane	2000	2030	102.0		30.0	70 - 130
2-Hexanone	6000	6080	101.0		30.0	70 - 130
Dibromochloromethane	2000	2030	102.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2010	100.0		30.0	70 - 130
Chlorobenzene	2000	1990	99.5		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2040	102.0		30.0	70 - 130
Ethylbenzene	2000	2040	102.0		30.0	70 - 130
p,m-Xylene	4000	4020	100.0		30.0	70 - 130
o-Xylene	2000	2010	100.0		30.0	70 - 130
Styrene	2000	2080	104.0		30.0	70 - 130
Bromoform	2000	1980	99.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	2000	100.0		30.0	70 - 130
Bromobenzene	2000	1930	96.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2010	100.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	1970	98.5		30.0	70 - 130
n-Propylbenzene	2000	1990	99.5		30.0	70 - 130
2-Chlorotoluene	2000	2030	102.0		30.0	70 - 130
4-Chlorotoluene	2000	1960	98.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1990	99.5		30.0	70 - 130
tert-Butylbenzene	2000	1920	96.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1990	99.5		30.0	70 - 130
sec-Butylbenzene	2000	1870	93.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1930	96.5		30.0	70 - 130
1,4-Dichlorobenzene	2000	1930	96.5		30.0	70 - 130
4-Isopropyltoluene	2000	1880	94.0		30.0	70 - 130
n-Butylbenzene	2000	1870	93.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	1970	98.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2010	100.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1511

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090707LCSA32

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1750	87.5		30.0	65 - 130
Hexachlorobutadiene	2000	1680	84.0		30.0	70 - 130
Naphthalene	2000	1810	90.5		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1720	86.0		30.0	70 - 130
MTBE	2000	1980	99.0		30.0	70 - 130

Spike Recovery: 1 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1511

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090807LCSA32

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1770	88.5		30.0	45 - 128
Chloromethane	2000	1770	88.5		30.0	70 - 130
Vinyl chloride	2000	1940	97.0		30.0	70 - 130
Bromomethane	2000	1860	93.0		30.0	39 - 148
Chloroethane	2000	1980	99.0		30.0	55 - 139
Trichlorofluoromethane	2000	1730	86.5		30.0	70 - 130
1,1-Dichloroethene	2000	2210	110.0		30.0	70 - 130
Acrolein	6000	4330	72.2		30.0	69 - 130
Methyl iodide	2000	2420	121.0		30.0	55 - 133
Carbon disulfide	2000	1940	97.0		30.0	65 - 130
Methylene chloride	2000	2040	102.0		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2070	104.0		30.0	70 - 130
Acrylonitrile	6000	5500	91.7		30.0	70 - 130
1,1-Dichloroethane	2000	1780	89.0		30.0	70 - 130
Acetone	6000	4300	71.7		30.0	58 - 133
2,2-Dichloropropane	2000	2270	114.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2090	104.0		30.0	70 - 130
Bromochloromethane	2000	2010	100.0		30.0	70 - 130
2-Butanone	6000	5510	91.8		30.0	70 - 130
Chloroform	2000	2060	103.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2080	104.0		30.0	70 - 130
Carbon tetrachloride	2000	2000	100.0		30.0	70 - 130
1,1-Dichloropropene	2000	2020	101.0		30.0	70 - 130
Benzene	2000	1990	99.5		30.0	70 - 130
1,2-Dichloroethane	2000	2020	101.0		30.0	70 - 130
Trichloroethene	2000	2020	101.0		30.0	70 - 130
Vinyl acetate	2000	2290	114.0		30.0	70 - 130
1,2-Dichloropropane	2000	2000	100.0		30.0	70 - 130
Dibromomethane	2000	2030	102.0		30.0	70 - 130
Bromodichloromethane	2000	2050	102.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2180	109.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	6100	102.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1511

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090807LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2020	101.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2320	116.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2000	100.0		30.0	70 - 130
Tetrachloroethene	2000	1910	95.5		30.0	70 - 130
1,3-Dichloropropane	2000	2040	102.0		30.0	70 - 130
2-Hexanone	6000	5940	99.0		30.0	70 - 130
Dibromochloromethane	2000	2120	106.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	2040	102.0		30.0	70 - 130
Chlorobenzene	2000	1980	99.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2160	108.0		30.0	70 - 130
Ethylbenzene	2000	1950	97.5		30.0	70 - 130
p,m-Xylene	4000	4000	100.0		30.0	70 - 130
o-Xylene	2000	1970	98.5		30.0	70 - 130
Styrene	2000	2100	105.0		30.0	70 - 130
Bromoform	2000	2280	114.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1940	97.0		30.0	70 - 130
Bromobenzene	2000	1890	94.5		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	2050	102.0		30.0	70 - 130
1,2,3-Trichloropropane	2000	2020	101.0		30.0	70 - 130
n-Propylbenzene	2000	1900	95.0		30.0	70 - 130
2-Chlorotoluene	2000	1910	95.5		30.0	70 - 130
4-Chlorotoluene	2000	1930	96.5		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1890	94.5		30.0	70 - 130
tert-Butylbenzene	2000	1820	91.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1870	93.5		30.0	70 - 130
sec-Butylbenzene	2000	1710	85.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1880	94.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1880	94.0		30.0	70 - 130
4-Isopropyltoluene	2000	1710	85.5		30.0	70 - 130
n-Butylbenzene	2000	1630	81.5		30.0	70 - 130
1,2-Dichlorobenzene	2000	1890	94.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	2060	103.0		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1511

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 090807LCSA32

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1610	80.5		30.0	65 - 130
Hexachlorobutadiene	2000	1600	80.0		30.0	70 - 130
Naphthalene	2000	1700	85.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1580	79.0		30.0	70 - 130
MTBE	2000	1800	90.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1511

Form III

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VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090807LCSA34

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	2000	1660	83.0		30.0	45 - 128
Chloromethane	2000	2350	118.0		30.0	70 - 130
Vinyl chloride	2000	2050	102.0		30.0	70 - 130
Bromomethane	2000	1960	98.0		30.0	39 - 148
Chloroethane	2000	2010	100.0		30.0	55 - 139
Trichlorofluoromethane	2000	1650	82.5		30.0	70 - 130
1,1-Dichloroethene	2000	2120	106.0		30.0	70 - 130
Acrolein	6000	4170	69.5		30.0	69 - 130
Methyl iodide	2000	2400	120.0		30.0	55 - 133
Carbon disulfide	2000	1940	97.0		30.0	65 - 130
Methylene chloride	2000	1970	98.5		30.0	70 - 130
trans-1,2-Dichloroethene	2000	2160	108.0		30.0	70 - 130
Acrylonitrile	6000	6000	100.0		30.0	70 - 130
1,1-Dichloroethane	2000	2300	115.0		30.0	70 - 130
Acetone	6000	6450	108.0		30.0	58 - 133
2,2-Dichloropropane	2000	1560	78.0		30.0	70 - 130
cis-1,2-Dichloroethene	2000	2220	111.0		30.0	70 - 130
Bromochloromethane	2000	2270	114.0		30.0	70 - 130
2-Butanone	6000	5630	93.8		30.0	70 - 130
Chloroform	2000	2010	100.0		30.0	70 - 130
1,1,1-Trichloroethane	2000	2040	102.0		30.0	70 - 130
Carbon tetrachloride	2000	2230	112.0		30.0	70 - 130
1,1-Dichloropropene	2000	1870	93.5		30.0	70 - 130
Benzene	2000	2030	102.0		30.0	70 - 130
1,2-Dichloroethane	2000	2050	102.0		30.0	70 - 130
Trichloroethene	2000	2180	109.0		30.0	70 - 130
Vinyl acetate	2000	1760	88.0		30.0	70 - 130
1,2-Dichloropropane	2000	2100	105.0		30.0	70 - 130
Dibromomethane	2000	2050	102.0		30.0	70 - 130
Bromodichloromethane	2000	2000	100.0		30.0	70 - 130
cis-1,3-Dichloropropene	2000	2060	103.0		30.0	70 - 130
4-Methyl-2-pentanone	6000	5890	98.2		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1511

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers 090807LCSA34

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Toluene	2000	2100	105.0		30.0	70 - 130
trans-1,3-Dichloropropene	2000	2250	112.0		30.0	70 - 130
1,1,2-Trichloroethane	2000	2000	100.0		30.0	70 - 130
Tetrachloroethene	2000	1950	97.5		30.0	70 - 130
1,3-Dichloropropane	2000	1990	99.5		30.0	70 - 130
2-Hexanone	6000	5420	90.3		30.0	70 - 130
Dibromochloromethane	2000	2010	100.0		30.0	70 - 130
1,2-Dibromoethane(EDB)	2000	1990	99.5		30.0	70 - 130
Chlorobenzene	2000	1960	98.0		30.0	70 - 130
1,1,1,2-Tetrachloroethane	2000	2110	106.0		30.0	70 - 130
Ethylbenzene	2000	1980	99.0		30.0	70 - 130
p,m-Xylene	4000	3950	98.8		30.0	70 - 130
o-Xylene	2000	2000	100.0		30.0	70 - 130
Styrene	2000	2080	104.0		30.0	70 - 130
Bromoform	2000	1920	96.0		30.0	70 - 130
Isopropylbenzene (Cumene)	2000	1970	98.5		30.0	70 - 130
Bromobenzene	2000	1900	95.0		30.0	70 - 130
1,1,2,2-Tetrachloroethane	2000	1670	83.5		30.0	70 - 130
1,2,3-Trichloropropane	2000	1920	96.0		30.0	70 - 130
n-Propylbenzene	2000	1910	95.5		30.0	70 - 130
2-Chlorotoluene	2000	1990	99.5		30.0	70 - 130
4-Chlorotoluene	2000	1980	99.0		30.0	70 - 130
1,3,5-Trimethylbenzene	2000	1900	95.0		30.0	70 - 130
tert-Butylbenzene	2000	1840	92.0		30.0	70 - 130
1,2,4-Trimethylbenzene	2000	1890	94.5		30.0	70 - 130
sec-Butylbenzene	2000	1750	87.5		30.0	70 - 130
1,3-Dichlorobenzene	2000	1880	94.0		30.0	70 - 130
1,4-Dichlorobenzene	2000	1870	93.5		30.0	70 - 130
4-Isopropyltoluene	2000	1770	88.5		30.0	70 - 130
n-Butylbenzene	2000	1660	83.0		30.0	70 - 130
1,2-Dichlorobenzene	2000	1910	95.5		30.0	70 - 130
1,2-Dibromo-3-chloropropane	2000	1690	84.5		30.0	70 - 130

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

130907 1511

Form III

3

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

090807LCSA34

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	2000	1620	81.0		30.0	65 - 130
Hexachlorobutadiene	2000	1600	80.0		30.0	70 - 130
Naphthalene	2000	1720	86.0		30.0	70 - 130
1,2,3-Trichlorobenzene	2000	1590	79.5		30.0	70 - 130
MTBE	2000	1760	88.0		30.0	70 - 130

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1511

Form III

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270

130907 1511

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3545 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met. PEL does not analyze a low calibration standard at the requested RL for all analytes. The low calibration standard is 270 UG/KG for the following analyte(s): 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol (o-Cresol), 2-Nitroaniline, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl-phenylether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl-phenylether, 4-Methylphenol, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-Chloroethoxy)methane, Bis(2-Chloroethyl)ether, bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethylphthalate, Dimethyl-phthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Phenanthrene, Pyrene. The low calibration standard is 670 UG/KG for the following analyte(s): 4-Nitroaniline, 4-Nitrophenol.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

Sample NPPD221 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 17.6 % with criteria of (19-122).

Sample NPPD224 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 10.4 % with criteria of (19-122).

Sample NPPD225 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 15.9 % with criteria of (19-122).

Sample NPPD226 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 14.6 % with criteria of (19-122).

Sample NPPD227 was recovered below criteria for the following surrogate(s): Phenol-d5 at 15.4 % with criteria of (24-113).

Sample NPPD232 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 16.6 % with criteria of (19-122).

Sample NPPD243 was recovered above criteria for the following surrogate(s): 2-Fluorobiphenyl at 188 % with criteria of (30-115), Nitrobenzene-d5 at 166 % with criteria of (23-120), p-Terphenyl-d14 at 192 % with criteria of (18-137).

Sample NPPD245 was recovered below criteria for the following surrogate(s): 2-Fluorophenol at 20.9 % with criteria of (25-121).

Samples coded accordingly.

The surrogate variances are directly related to the matrix of the samples and the dilutions required for analysis.

The following samples had surrogates that were diluted out: NPPD226 NPPD231 NPPD232 NPPD243 NPPD245 NPPD256 NPPD42

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 3424LCS was analyzed with the soil samples extracted on 09/06/07. The following analyte(s) were recovered below criteria: Benzidine at 0 % with criteria of (10-149), Benzyl alcohol at 0 % with criteria of (64-125).

The following analyte(s) were recovered above criteria: 1,2,4-Trichlorobenzene at 115 % with criteria of (71-110), 2,4,6-Trichlorophenol at 113 % with criteria of (62-110), 2,6-Dinitrotoluene at 111 % with criteria of (73-110), 2-Chloronaphthalene at 119 % with criteria of (72-105), 2-Nitrophenol at 112 % with criteria of (61-110), 4-Bromophenyl-phenylether at 121 % with criteria of (59-115), Acenaphthene at 117 % with criteria of (65-110), Benzoic acid at 118 % with criteria of (10-106), Bis(2-Chloroethyl)ether at 108 % with criteria of (61-105), Chrysene at 117 % with criteria of (65-110),

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

Diethylphthalate at 116 % with criteria of (68-115), Dimethyl-phthalate at 115 % with criteria of (69-110), Di-n-butylphthalate at 115 % with criteria of (67-110), Fluorene at 115 % with criteria of (67-110), Phenanthrene at 115 % with criteria of (67-110). The following analyte(s) had marginal exceedance limit failures: 1,2-Dichlorobenzene at 125 % with criteria of (60-100), 1,3-Dichlorobenzene at 121 % with criteria of (61.5-105.5), 1,4-Dichlorobenzene at 116 % with criteria of (54.8-112.2), 2,2-Oxybis(1-chloropropane) at 128 % with criteria of (41.5-125.5), 2,4-Dichlorophenol at 118 % with criteria of (56.3-117.7), 2,4-Dimethylphenol at 116 % with criteria of (58.3-111.7), 2-Chloronaphthalene at 119 % with criteria of (66.5-110.5), 2-Chlorophenol at 118 % with criteria of (45.5-113.5), 2-Methylnaphthalene at 123 % with criteria of (66.5-110.5), 2-Methylphenol (o-Cresol) at 114 % with criteria of (50.2-112.8), 4-Chloroaniline at 103 % with criteria of (50.7-101.3), 4-Chlorophenyl-phenylether at 124 % with criteria of (57.5-117.5), 4-Nitroaniline at 161 % with criteria of (62.5-122.5), Acenaphthylene at 114 % with criteria of (59.5-111.5), Anthracene at 114 % with criteria of (60.7-111.3), Benzyl alcohol at 0 % with criteria of (53.8-135.2), Dibenzofuran at 118 % with criteria of (70-110), Hexachloroethane at 118 % with criteria of (57.5-117.5), Isophorone at 119 % with criteria of (62.2-116.8), Naphthalene at 117 % with criteria of (60.7-111.3), N-Nitrosodiphenylamine at 128 % with criteria of (70.7-121.3), Phenol at 112 % with criteria of (37-109). Since the reoveries were above criteria indicating the analyte would have been detected the data was reported. The variance in recoveries is due to the modification in final volume to reflect the final volume used for the samples.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

The following samples were analyzed at a 1:10 dilution due to non-target analyte interference.
Sample NPPD201
Sample NPPD221
Sample NPPD224
Sample NPPD225
Sample NPPD226
Sample NPPD227
Sample NPPD231

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

Sample NPPD232
Sample NPPD243
Sample NPPD245
Sample NPPD256
Sample NPPD38
Sample NPPD42

All samples were only brought to a final volume of 10mL due to the nature of the samples.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/13/2007**

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Method: 8270

EPA Sample No	Lab Sample ID
NPPD256	250747401
NPPD245	250747402
NPPD243	250747403
NPPD224	250747404
NPPD221	250747405
NPPD226	250747406
NPPD225	250747407
NPPD231	250747408
NPPD38	250747409
NPPD227	250747410
NPPD232	250747411
NPPD42	250747412
NPPD201	250747413

130907 1512

Sample Data

130907 1512

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD256

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747401 Lab File ID: 474-01.D

Sample wt/vol: 1.04 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1351

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	385000	U
62-53-3	Aniline	385000	U
111-44-4	Bis(2-Chloroethyl)ether	385000	U
108-95-2	Phenol	1920000	U
95-57-8	2-Chlorophenol	385000	U
541-73-1	1,3-Dichlorobenzene	385000	U
106-46-7	1,4-Dichlorobenzene	385000	U
95-50-1	1,2-Dichlorobenzene	385000	U
100-51-6	Benzyl alcohol	962000	U
108-60-1	2,2-Oxybis(1-chloropropane)	389000	U
95-48-7	2-Methylphenol (o-Cresol)	385000	U
67-72-1	Hexachloroethane	389000	U
621-64-7	N-Nitroso-di-n-propylamine	385000	U
106-44-5	4-Methylphenol	385000	U
98-95-3	Nitrobenzene	385000	U
78-59-1	Isophorone	385000	U
88-75-5	2-Nitrophenol	385000	U
105-67-9	2,4-Dimethylphenol	385000	U
65-85-0	Benzoic acid	1920000	U
111-91-1	Bis(2-Chloroethoxy)methane	385000	U
120-83-2	2,4-Dichlorophenol	385000	U
120-82-1	1,2,4-Trichlorobenzene	385000	U
91-20-3	Naphthalene	385000	U
106-47-8	4-Chloroaniline	385000	U
91-57-6	2-Methylnaphthalene	385000	U
87-68-3	Hexachlorobutadiene	385000	U
59-50-7	4-Chloro-3-methylphenol	385000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD256

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747401 Lab File ID: 474-01.D

Sample wt/vol: 1.04 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1351

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	385000	U
77-47-4	Hexachlorocyclopentadiene	962000	U
88-06-2	2,4,6-Trichlorophenol	385000	U
95-95-4	2,4,5-Trichlorophenol	385000	U
91-58-7	2-Chloronaphthalene	389000	U
88-74-4	2-Nitroaniline	385000	U
208-96-8	Acenaphthylene	385000	U
131-11-3	Dimethyl-phthalate	385000	U
606-20-2	2,6-Dinitrotoluene	385000	U
83-32-9	Acenaphthene	385000	U
99-09-2	3-Nitroaniline	385000	U
51-28-5	2,4-Dinitrophenol	1930000	U
132-64-9	Dibenzofuran	385000	U
121-14-2	2,4-Dinitrotoluene	385000	U
100-02-7	4-Nitrophenol	962000	U
86-73-7	Fluorene	385000	U
7005-72-3	4-Chlorophenyl-phenylether	385000	U
84-66-2	Diethylphthalate	385000	U
100-01-6	4-Nitroaniline	385000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1920000	U
86-30-6	N-Nitrosodiphenylamine	385000	U
101-55-3	4-Bromophenyl-phenylether	385000	U
118-74-1	Hexachlorobenzene	385000	U
87-86-5	Pentachlorophenol	1920000	U
85-01-8	Phenanthrene	385000	U
120-12-7	Anthracene	385000	U
84-74-2	Di-n-butylphthalate	385000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD256

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747401 Lab File ID: 474-01.D

Sample wt/vol: 1.04 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1351

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	385000	U
129-00-0	Pyrene	385000	U
92-87-5	Benzidine	966000	U
85-68-7	Butylbenzylphthalate	385000	U
91-94-1	3,3'-Dichlorobenzidine	385000	U
56-55-3	Benzo(a)anthracene	385000	U
218-01-9	Chrysene	385000	U
117-81-7	bis(2-ethylhexyl)phthalate	385000	U
117-84-0	Di-n-octylphthalate	385000	U
205-99-2	Benzo(b)fluoranthene	385000	U
207-08-9	Benzo(k)fluoranthene	385000	U
50-32-8	Benzo(a)pyrene	385000	U
193-39-5	Indeno(1,2,3-cd)pyrene	385000	U
53-70-3	Dibenz(a,h)anthracene	385000	U
191-24-2	Benzo(g,h,i)perylene	385000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD245

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747402 Lab File ID: 474-02.D

Sample wt/vol: 1.18 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1424

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	339000	U
62-53-3	Aniline	339000	U
111-44-4	Bis(2-Chloroethyl)ether	339000	U
108-95-2	Phenol	1700000	U
95-57-8	2-Chlorophenol	339000	U
541-73-1	1,3-Dichlorobenzene	339000	U
106-46-7	1,4-Dichlorobenzene	339000	U
95-50-1	1,2-Dichlorobenzene	339000	U
100-51-6	Benzyl alcohol	848000	U
108-60-1	2,2-Oxybis(1-chloropropane)	343000	U
95-48-7	2-Methylphenol (o-Cresol)	339000	U
67-72-1	Hexachloroethane	343000	U
621-64-7	N-Nitroso-di-n-propylamine	339000	U
106-44-5	4-Methylphenol	339000	U
98-95-3	Nitrobenzene	339000	U
78-59-1	Isophorone	339000	U
88-75-5	2-Nitrophenol	339000	U
105-67-9	2,4-Dimethylphenol	339000	U
65-85-0	Benzoic acid	1700000	U
111-91-1	Bis(2-Chloroethoxy)methane	339000	U
120-83-2	2,4-Dichlorophenol	339000	U
120-82-1	1,2,4-Trichlorobenzene	339000	U
91-20-3	Naphthalene	339000	U
106-47-8	4-Chloroaniline	339000	U
91-57-6	2-Methylnaphthalene	339000	U
87-68-3	Hexachlorobutadiene	339000	U
59-50-7	4-Chloro-3-methylphenol	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD245

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747402 Lab File ID: 474-02.D

Sample wt/vol: 1.18 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1424

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	339000	U
77-47-4	Hexachlorocyclopentadiene	848000	U
88-06-2	2,4,6-Trichlorophenol	339000	U
95-95-4	2,4,5-Trichlorophenol	339000	U
91-58-7	2-Chloronaphthalene	343000	U
88-74-4	2-Nitroaniline	339000	U
208-96-8	Acenaphthylene	339000	U
131-11-3	Dimethyl-phthalate	339000	U
606-20-2	2,6-Dinitrotoluene	339000	U
83-32-9	Acenaphthene	339000	U
99-09-2	3-Nitroaniline	339000	U
51-28-5	2,4-Dinitrophenol	1700000	U
132-64-9	Dibenzofuran	339000	U
121-14-2	2,4-Dinitrotoluene	339000	U
100-02-7	4-Nitrophenol	848000	U
86-73-7	Fluorene	339000	U
7005-72-3	4-Chlorophenyl-phenylether	339000	U
84-66-2	Diethylphthalate	339000	U
100-01-6	4-Nitroaniline	339000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1700000	U
86-30-6	N-Nitrosodiphenylamine	339000	U
101-55-3	4-Bromophenyl-phenylether	339000	U
118-74-1	Hexachlorobenzene	339000	U
87-86-5	Pentachlorophenol	1700000	U
85-01-8	Phenanthrene	59600	J
120-12-7	Anthracene	339000	U
84-74-2	Di-n-butylphthalate	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD245

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747402 Lab File ID: 474-02.D

Sample wt/vol: 1.18 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1424

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	339000	U
129-00-0	Pyrene	339000	U
92-87-5	Benzidine	852000	U
85-68-7	Butylbenzylphthalate	339000	U
91-94-1	3,3'-Dichlorobenzidine	339000	U
56-55-3	Benzo(a)anthracene	339000	U
218-01-9	Chrysene	339000	U
117-81-7	bis(2-ethylhexyl)phthalate	339000	U
117-84-0	Di-n-octylphthalate	339000	U
205-99-2	Benzo(b)fluoranthene	339000	U
207-08-9	Benzo(k)fluoranthene	339000	U
50-32-8	Benzo(a)pyrene	339000	U
193-39-5	Indeno(1,2,3-cd)pyrene	339000	U
53-70-3	Dibenz(a,h)anthracene	339000	U
191-24-2	Benzo(g,h,i)perylene	339000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD243

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747403 Lab File ID: 474-03.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1529

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	371000	U
62-53-3	Aniline	371000	U
111-44-4	Bis(2-Chloroethyl)ether	371000	U
108-95-2	Phenol	1850000	U
95-57-8	2-Chlorophenol	371000	U
541-73-1	1,3-Dichlorobenzene	371000	U
106-46-7	1,4-Dichlorobenzene	371000	U
95-50-1	1,2-Dichlorobenzene	371000	U
100-51-6	Benzyl alcohol	926000	U
108-60-1	2,2-Oxybis(1-chloropropane)	375000	U
95-48-7	2-Methylphenol (o-Cresol)	371000	U
67-72-1	Hexachloroethane	375000	U
621-64-7	N-Nitroso-di-n-propylamine	371000	U
106-44-5	4-Methylphenol	371000	U
98-95-3	Nitrobenzene	371000	U
78-59-1	Isophorone	371000	U
88-75-5	2-Nitrophenol	371000	U
105-67-9	2,4-Dimethylphenol	371000	U
65-85-0	Benzoic acid	1850000	U
111-91-1	Bis(2-Chloroethoxy)methane	371000	U
120-83-2	2,4-Dichlorophenol	371000	U
120-82-1	1,2,4-Trichlorobenzene	371000	U
91-20-3	Naphthalene	371000	U
106-47-8	4-Chloroaniline	371000	U
91-57-6	2-Methylnaphthalene	371000	U
87-68-3	Hexachlorobutadiene	371000	U
59-50-7	4-Chloro-3-methylphenol	371000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD243

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747403 Lab File ID: 474-03.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1529

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	371000	U
77-47-4	Hexachlorocyclopentadiene	926000	U
88-06-2	2,4,6-Trichlorophenol	371000	U
95-95-4	2,4,5-Trichlorophenol	371000	U
91-58-7	2-Chloronaphthalene	375000	U
88-74-4	2-Nitroaniline	371000	U
208-96-8	Acenaphthylene	371000	U
131-11-3	Dimethyl-phthalate	371000	U
606-20-2	2,6-Dinitrotoluene	371000	U
83-32-9	Acenaphthene	371000	U
99-09-2	3-Nitroaniline	371000	U
51-28-5	2,4-Dinitrophenol	1860000	U
132-64-9	Dibenzofuran	371000	U
121-14-2	2,4-Dinitrotoluene	371000	U
100-02-7	4-Nitrophenol	926000	U
86-73-7	Fluorene	371000	U
7005-72-3	4-Chlorophenyl-phenylether	371000	U
84-66-2	Diethylphthalate	371000	U
100-01-6	4-Nitroaniline	371000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1850000	U
86-30-6	N-Nitrosodiphenylamine	371000	U
101-55-3	4-Bromophenyl-phenylether	371000	U
118-74-1	Hexachlorobenzene	371000	U
87-86-5	Pentachlorophenol	1850000	U
85-01-8	Phenanthrene	67600	J
120-12-7	Anthracene	371000	U
84-74-2	Di-n-butylphthalate	371000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD243

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747403 Lab File ID: 474-03.D

Sample wt/vol: 1.08 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1529

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	371000	U
129-00-0	Pyrene	371000	U
92-87-5	Benzidine	930000	U
85-68-7	Butylbenzylphthalate	371000	U
91-94-1	3,3'-Dichlorobenzidine	371000	U
56-55-3	Benzo(a)anthracene	371000	U
218-01-9	Chrysene	371000	U
117-81-7	bis(2-ethylhexyl)phthalate	371000	U
117-84-0	Di-n-octylphthalate	371000	U
205-99-2	Benzo(b)fluoranthene	371000	U
207-08-9	Benzo(k)fluoranthene	371000	U
50-32-8	Benzo(a)pyrene	371000	U
193-39-5	Indeno(1,2,3-cd)pyrene	371000	U
53-70-3	Dibenz(a,h)anthracene	371000	U
191-24-2	Benzo(g,h,i)perylene	371000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD224

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747404 Lab File ID: 474-04.D

Sample wt/vol: 1.13 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1601

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	354000	U
62-53-3	Aniline	354000	U
111-44-4	Bis(2-Chloroethyl)ether	354000	U
108-95-2	Phenol	139000	J
95-57-8	2-Chlorophenol	354000	U
541-73-1	1,3-Dichlorobenzene	354000	U
106-46-7	1,4-Dichlorobenzene	354000	U
95-50-1	1,2-Dichlorobenzene	354000	U
100-51-6	Benzyl alcohol	885000	U
108-60-1	2,2-Oxybis(1-chloropropane)	358000	U
95-48-7	2-Methylphenol (o-Cresol)	354000	U
67-72-1	Hexachloroethane	358000	U
621-64-7	N-Nitroso-di-n-propylamine	354000	U
106-44-5	4-Methylphenol	354000	U
98-95-3	Nitrobenzene	354000	U
78-59-1	Isophorone	354000	U
88-75-5	2-Nitrophenol	354000	U
105-67-9	2,4-Dimethylphenol	354000	U
65-85-0	Benzoic acid	1770000	U
111-91-1	Bis(2-Chloroethoxy)methane	354000	U
120-83-2	2,4-Dichlorophenol	354000	U
120-82-1	1,2,4-Trichlorobenzene	354000	U
91-20-3	Naphthalene	354000	U
106-47-8	4-Chloroaniline	354000	U
91-57-6	2-Methylnaphthalene	354000	U
87-68-3	Hexachlorobutadiene	354000	U
59-50-7	4-Chloro-3-methylphenol	354000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD224

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747404 Lab File ID: 474-04.D

Sample wt/vol: 1.13 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1601

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	354000	U
77-47-4	Hexachlorocyclopentadiene	885000	U
88-06-2	2,4,6-Trichlorophenol	354000	U
95-95-4	2,4,5-Trichlorophenol	354000	U
91-58-7	2-Chloronaphthalene	358000	U
88-74-4	2-Nitroaniline	354000	U
208-96-8	Acenaphthylene	354000	U
131-11-3	Dimethyl-phthalate	354000	U
606-20-2	2,6-Dinitrotoluene	354000	U
83-32-9	Acenaphthene	354000	U
99-09-2	3-Nitroaniline	354000	U
51-28-5	2,4-Dinitrophenol	1780000	U
132-64-9	Dibenzofuran	354000	U
121-14-2	2,4-Dinitrotoluene	354000	U
100-02-7	4-Nitrophenol	885000	U
86-73-7	Fluorene	354000	U
7005-72-3	4-Chlorophenyl-phenylether	354000	U
84-66-2	Diethylphthalate	354000	U
100-01-6	4-Nitroaniline	354000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1770000	U
86-30-6	N-Nitrosodiphenylamine	354000	U
101-55-3	4-Bromophenyl-phenylether	354000	U
118-74-1	Hexachlorobenzene	354000	U
87-86-5	Pentachlorophenol	1770000	U
85-01-8	Phenanthrene	354000	U
120-12-7	Anthracene	354000	U
84-74-2	Di-n-butylphthalate	354000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD224

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747404 Lab File ID: 474-04.D

Sample wt/vol: 1.13 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1601

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	354000	U
129-00-0	Pyrene	354000	U
92-87-5	Benzidine	889000	U
85-68-7	Butylbenzylphthalate	354000	U
91-94-1	3,3'-Dichlorobenzidine	354000	U
56-55-3	Benzo(a)anthracene	354000	U
218-01-9	Chrysene	354000	U
117-81-7	bis(2-ethylhexyl)phthalate	354000	U
117-84-0	Di-n-octylphthalate	354000	U
205-99-2	Benzo(b)fluoranthene	354000	U
207-08-9	Benzo(k)fluoranthene	354000	U
50-32-8	Benzo(a)pyrene	354000	U
193-39-5	Indeno(1,2,3-cd)pyrene	354000	U
53-70-3	Dibenz(a,h)anthracene	354000	U
191-24-2	Benzo(g,h,i)perylene	354000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD221

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747405 Lab File ID: 474-05.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1634

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD221

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747405 Lab File ID: 474-05.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1634

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD221

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747405 Lab File ID: 474-05.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1634

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD226

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406 Lab File ID: 474-06.D

Sample wt/vol: 1.14 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1811

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	351000	U
62-53-3	Aniline	351000	U
111-44-4	Bis(2-Chloroethyl)ether	351000	U
108-95-2	Phenol	264000	J
95-57-8	2-Chlorophenol	351000	U
541-73-1	1,3-Dichlorobenzene	351000	U
106-46-7	1,4-Dichlorobenzene	351000	U
95-50-1	1,2-Dichlorobenzene	351000	U
100-51-6	Benzyl alcohol	878000	U
108-60-1	2,2-Oxybis(1-chloropropane)	355000	U
95-48-7	2-Methylphenol (o-Cresol)	351000	U
67-72-1	Hexachloroethane	355000	U
621-64-7	N-Nitroso-di-n-propylamine	351000	U
106-44-5	4-Methylphenol	351000	U
98-95-3	Nitrobenzene	351000	U
78-59-1	Isophorone	351000	U
88-75-5	2-Nitrophenol	351000	U
105-67-9	2,4-Dimethylphenol	351000	U
65-85-0	Benzoic acid	1760000	U
111-91-1	Bis(2-Chloroethoxy)methane	351000	U
120-83-2	2,4-Dichlorophenol	351000	U
120-82-1	1,2,4-Trichlorobenzene	351000	U
91-20-3	Naphthalene	351000	U
106-47-8	4-Chloroaniline	351000	U
91-57-6	2-Methylnaphthalene	351000	U
87-68-3	Hexachlorobutadiene	351000	U
59-50-7	4-Chloro-3-methylphenol	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD226

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406 Lab File ID: 474-06.D

Sample wt/vol: 1.14 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1811

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	351000	U
77-47-4	Hexachlorocyclopentadiene	878000	U
88-06-2	2,4,6-Trichlorophenol	351000	U
95-95-4	2,4,5-Trichlorophenol	351000	U
91-58-7	2-Chloronaphthalene	355000	U
88-74-4	2-Nitroaniline	351000	U
208-96-8	Acenaphthylene	351000	U
131-11-3	Dimethyl-phthalate	351000	U
606-20-2	2,6-Dinitrotoluene	351000	U
83-32-9	Acenaphthene	351000	U
99-09-2	3-Nitroaniline	351000	U
51-28-5	2,4-Dinitrophenol	1760000	U
132-64-9	Dibenzofuran	351000	U
121-14-2	2,4-Dinitrotoluene	351000	U
100-02-7	4-Nitrophenol	878000	U
86-73-7	Fluorene	351000	U
7005-72-3	4-Chlorophenyl-phenylether	351000	U
84-66-2	Diethylphthalate	351000	U
100-01-6	4-Nitroaniline	351000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1760000	U
86-30-6	N-Nitrosodiphenylamine	351000	U
101-55-3	4-Bromophenyl-phenylether	351000	U
118-74-1	Hexachlorobenzene	351000	U
87-86-5	Pentachlorophenol	1760000	U
85-01-8	Phenanthrene	351000	U
120-12-7	Anthracene	351000	U
84-74-2	Di-n-butylphthalate	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD226

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406 Lab File ID: 474-06.D

Sample wt/vol: 1.14 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1811

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	351000	U
129-00-0	Pyrene	351000	U
92-87-5	Benzidine	882000	U
85-68-7	Butylbenzylphthalate	351000	U
91-94-1	3,3'-Dichlorobenzidine	351000	U
56-55-3	Benzo(a)anthracene	351000	U
218-01-9	Chrysene	351000	U
117-81-7	bis(2-ethylhexyl)phthalate	351000	U
117-84-0	Di-n-octylphthalate	351000	U
205-99-2	Benzo(b)fluoranthene	351000	U
207-08-9	Benzo(k)fluoranthene	351000	U
50-32-8	Benzo(a)pyrene	351000	U
193-39-5	Indeno(1,2,3-cd)pyrene	351000	U
53-70-3	Dibenz(a,h)anthracene	351000	U
191-24-2	Benzo(g,h,i)perylene	351000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD225

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747407 Lab File ID: 474-07.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1843

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	364000	U
62-53-3	Aniline	364000	U
111-44-4	Bis(2-Chloroethyl)ether	364000	U
108-95-2	Phenol	1820000	U
95-57-8	2-Chlorophenol	364000	U
541-73-1	1,3-Dichlorobenzene	364000	U
106-46-7	1,4-Dichlorobenzene	364000	U
95-50-1	1,2-Dichlorobenzene	364000	U
100-51-6	Benzyl alcohol	910000	U
108-60-1	2,2-Oxybis(1-chloropropane)	368000	U
95-48-7	2-Methylphenol (o-Cresol)	364000	U
67-72-1	Hexachloroethane	368000	U
621-64-7	N-Nitroso-di-n-propylamine	364000	U
106-44-5	4-Methylphenol	364000	U
98-95-3	Nitrobenzene	364000	U
78-59-1	Isophorone	364000	U
88-75-5	2-Nitrophenol	364000	U
105-67-9	2,4-Dimethylphenol	364000	U
65-85-0	Benzoic acid	1820000	U
111-91-1	Bis(2-Chloroethoxy)methane	364000	U
120-83-2	2,4-Dichlorophenol	364000	U
120-82-1	1,2,4-Trichlorobenzene	364000	U
91-20-3	Naphthalene	364000	U
106-47-8	4-Chloroaniline	364000	U
91-57-6	2-Methylnaphthalene	364000	U
87-68-3	Hexachlorobutadiene	364000	U
59-50-7	4-Chloro-3-methylphenol	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD225

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747407 Lab File ID: 474-07.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1843

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	364000	U
77-47-4	Hexachlorocyclopentadiene	910000	U
88-06-2	2,4,6-Trichlorophenol	364000	U
95-95-4	2,4,5-Trichlorophenol	364000	U
91-58-7	2-Chloronaphthalene	368000	U
88-74-4	2-Nitroaniline	364000	U
208-96-8	Acenaphthylene	364000	U
131-11-3	Dimethyl-phthalate	364000	U
606-20-2	2,6-Dinitrotoluene	364000	U
83-32-9	Acenaphthene	364000	U
99-09-2	3-Nitroaniline	364000	U
51-28-5	2,4-Dinitrophenol	1830000	U
132-64-9	Dibenzofuran	364000	U
121-14-2	2,4-Dinitrotoluene	364000	U
100-02-7	4-Nitrophenol	910000	U
86-73-7	Fluorene	364000	U
7005-72-3	4-Chlorophenyl-phenylether	364000	U
84-66-2	Diethylphthalate	364000	U
100-01-6	4-Nitroaniline	364000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1820000	U
86-30-6	N-Nitrosodiphenylamine	364000	U
101-55-3	4-Bromophenyl-phenylether	364000	U
118-74-1	Hexachlorobenzene	364000	U
87-86-5	Pentachlorophenol	1820000	U
85-01-8	Phenanthrene	364000	U
120-12-7	Anthracene	364000	U
84-74-2	Di-n-butylphthalate	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD225

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747407 Lab File ID: 474-07.D

Sample wt/vol: 1.1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1843

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	364000	U
129-00-0	Pyrene	364000	U
92-87-5	Benzidine	914000	U
85-68-7	Butylbenzylphthalate	364000	U
91-94-1	3,3'-Dichlorobenzidine	364000	U
56-55-3	Benzo(a)anthracene	364000	U
218-01-9	Chrysene	364000	U
117-81-7	bis(2-ethylhexyl)phthalate	364000	U
117-84-0	Di-n-octylphthalate	364000	U
205-99-2	Benzo(b)fluoranthene	364000	U
207-08-9	Benzo(k)fluoranthene	364000	U
50-32-8	Benzo(a)pyrene	364000	U
193-39-5	Indeno(1,2,3-cd)pyrene	364000	U
53-70-3	Dibenz(a,h)anthracene	364000	U
191-24-2	Benzo(g,h,i)perylene	364000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD231

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747408 Lab File ID: 474-08.D

Sample wt/vol: 1.11 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1915

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	361000	U
62-53-3	Aniline	361000	U
111-44-4	Bis(2-Chloroethyl)ether	361000	U
108-95-2	Phenol	1800000	U
95-57-8	2-Chlorophenol	361000	U
541-73-1	1,3-Dichlorobenzene	361000	U
106-46-7	1,4-Dichlorobenzene	361000	U
95-50-1	1,2-Dichlorobenzene	361000	U
100-51-6	Benzyl alcohol	901000	U
108-60-1	2,2-Oxybis(1-chloropropane)	365000	U
95-48-7	2-Methylphenol (o-Cresol)	361000	U
67-72-1	Hexachloroethane	365000	U
621-64-7	N-Nitroso-di-n-propylamine	361000	U
106-44-5	4-Methylphenol	361000	U
98-95-3	Nitrobenzene	361000	U
78-59-1	Isophorone	361000	U
88-75-5	2-Nitrophenol	361000	U
105-67-9	2,4-Dimethylphenol	361000	U
65-85-0	Benzoic acid	1800000	U
111-91-1	Bis(2-Chloroethoxy)methane	361000	U
120-83-2	2,4-Dichlorophenol	361000	U
120-82-1	1,2,4-Trichlorobenzene	361000	U
91-20-3	Naphthalene	361000	U
106-47-8	4-Chloroaniline	361000	U
91-57-6	2-Methylnaphthalene	361000	U
87-68-3	Hexachlorobutadiene	361000	U
59-50-7	4-Chloro-3-methylphenol	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD231

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747408 Lab File ID: 474-08.D

Sample wt/vol: 1.11 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1915

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	361000	U
77-47-4	Hexachlorocyclopentadiene	901000	U
88-06-2	2,4,6-Trichlorophenol	361000	U
95-95-4	2,4,5-Trichlorophenol	361000	U
91-58-7	2-Chloronaphthalene	365000	U
88-74-4	2-Nitroaniline	361000	U
208-96-8	Acenaphthylene	361000	U
131-11-3	Dimethyl-phthalate	361000	U
606-20-2	2,6-Dinitrotoluene	361000	U
83-32-9	Acenaphthene	361000	U
99-09-2	3-Nitroaniline	361000	U
51-28-5	2,4-Dinitrophenol	1810000	U
132-64-9	Dibenzofuran	361000	U
121-14-2	2,4-Dinitrotoluene	361000	U
100-02-7	4-Nitrophenol	901000	U
86-73-7	Fluorene	361000	U
7005-72-3	4-Chlorophenyl-phenylether	361000	U
84-66-2	Diethylphthalate	361000	U
100-01-6	4-Nitroaniline	361000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1800000	U
86-30-6	N-Nitrosodiphenylamine	361000	U
101-55-3	4-Bromophenyl-phenylether	361000	U
118-74-1	Hexachlorobenzene	361000	U
87-86-5	Pentachlorophenol	1800000	U
85-01-8	Phenanthrene	361000	U
120-12-7	Anthracene	361000	U
84-74-2	Di-n-butylphthalate	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD231

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747408 Lab File ID: 474-08.D

Sample wt/vol: 1.11 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1915

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	361000	U
129-00-0	Pyrene	361000	U
92-87-5	Benzidine	905000	U
85-68-7	Butylbenzylphthalate	361000	U
91-94-1	3,3'-Dichlorobenzidine	361000	U
56-55-3	Benzo(a)anthracene	361000	U
218-01-9	Chrysene	361000	U
117-81-7	bis(2-ethylhexyl)phthalate	361000	U
117-84-0	Di-n-octylphthalate	361000	U
205-99-2	Benzo(b)fluoranthene	361000	U
207-08-9	Benzo(k)fluoranthene	361000	U
50-32-8	Benzo(a)pyrene	361000	U
193-39-5	Indeno(1,2,3-cd)pyrene	361000	U
53-70-3	Dibenz(a,h)anthracene	361000	U
191-24-2	Benzo(g,h,i)perylene	361000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD38

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747409 Lab File ID: 474-09.D

Sample wt/vol: 1.23 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1948

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	326000	U
62-53-3	Aniline	326000	U
111-44-4	Bis(2-Chloroethyl)ether	326000	U
108-95-2	Phenol	1630000	U
95-57-8	2-Chlorophenol	326000	U
541-73-1	1,3-Dichlorobenzene	326000	U
106-46-7	1,4-Dichlorobenzene	326000	U
95-50-1	1,2-Dichlorobenzene	326000	U
100-51-6	Benzyl alcohol	813000	U
108-60-1	2,2-Oxybis(1-chloropropane)	329000	U
95-48-7	2-Methylphenol (o-Cresol)	326000	U
67-72-1	Hexachloroethane	329000	U
621-64-7	N-Nitroso-di-n-propylamine	326000	U
106-44-5	4-Methylphenol	326000	U
98-95-3	Nitrobenzene	326000	U
78-59-1	Isophorone	326000	U
88-75-5	2-Nitrophenol	326000	U
105-67-9	2,4-Dimethylphenol	326000	U
65-85-0	Benzoic acid	1630000	U
111-91-1	Bis(2-Chloroethoxy)methane	326000	U
120-83-2	2,4-Dichlorophenol	326000	U
120-82-1	1,2,4-Trichlorobenzene	326000	U
91-20-3	Naphthalene	326000	U
106-47-8	4-Chloroaniline	326000	U
91-57-6	2-Methylnaphthalene	326000	U
87-68-3	Hexachlorobutadiene	326000	U
59-50-7	4-Chloro-3-methylphenol	326000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD38

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747409 Lab File ID: 474-09.D

Sample wt/vol: 1.23 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1948

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	326000	U
77-47-4	Hexachlorocyclopentadiene	813000	U
88-06-2	2,4,6-Trichlorophenol	326000	U
95-95-4	2,4,5-Trichlorophenol	326000	U
91-58-7	2-Chloronaphthalene	329000	U
88-74-4	2-Nitroaniline	326000	U
208-96-8	Acenaphthylene	326000	U
131-11-3	Dimethyl-phthalate	326000	U
606-20-2	2,6-Dinitrotoluene	326000	U
83-32-9	Acenaphthene	326000	U
99-09-2	3-Nitroaniline	326000	U
51-28-5	2,4-Dinitrophenol	1630000	U
132-64-9	Dibenzofuran	326000	U
121-14-2	2,4-Dinitrotoluene	326000	U
100-02-7	4-Nitrophenol	813000	U
86-73-7	Fluorene	326000	U
7005-72-3	4-Chlorophenyl-phenylether	326000	U
84-66-2	Diethylphthalate	326000	U
100-01-6	4-Nitroaniline	326000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1630000	U
86-30-6	N-Nitrosodiphenylamine	326000	U
101-55-3	4-Bromophenyl-phenylether	326000	U
118-74-1	Hexachlorobenzene	326000	U
87-86-5	Pentachlorophenol	1630000	U
85-01-8	Phenanthrene	326000	U
120-12-7	Anthracene	326000	U
84-74-2	Di-n-butylphthalate	326000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD38

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747409 Lab File ID: 474-09.D

Sample wt/vol: 1.23 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1948

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	326000	U
129-00-0	Pyrene	326000	U
92-87-5	Benzidine	817000	U
85-68-7	Butylbenzylphthalate	326000	U
91-94-1	3,3'-Dichlorobenzidine	326000	U
56-55-3	Benzo(a)anthracene	326000	U
218-01-9	Chrysene	326000	U
117-81-7	bis(2-ethylhexyl)phthalate	326000	U
117-84-0	Di-n-octylphthalate	326000	U
205-99-2	Benzo(b)fluoranthene	326000	U
207-08-9	Benzo(k)fluoranthene	326000	U
50-32-8	Benzo(a)pyrene	326000	U
193-39-5	Indeno(1,2,3-cd)pyrene	326000	U
53-70-3	Dibenz(a,h)anthracene	326000	U
191-24-2	Benzo(g,h,i)perylene	326000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD227

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747410 Lab File ID: 474-10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 2020

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	348000	U
62-53-3	Aniline	348000	U
111-44-4	Bis(2-Chloroethyl)ether	348000	U
108-95-2	Phenol	1740000	U
95-57-8	2-Chlorophenol	348000	U
541-73-1	1,3-Dichlorobenzene	348000	U
106-46-7	1,4-Dichlorobenzene	348000	U
95-50-1	1,2-Dichlorobenzene	348000	U
100-51-6	Benzyl alcohol	870000	U
108-60-1	2,2-Oxybis(1-chloropropane)	352000	U
95-48-7	2-Methylphenol (o-Cresol)	348000	U
67-72-1	Hexachloroethane	352000	U
621-64-7	N-Nitroso-di-n-propylamine	348000	U
106-44-5	4-Methylphenol	348000	U
98-95-3	Nitrobenzene	348000	U
78-59-1	Isophorone	348000	U
88-75-5	2-Nitrophenol	348000	U
105-67-9	2,4-Dimethylphenol	348000	U
65-85-0	Benzoic acid	1740000	U
111-91-1	Bis(2-Chloroethoxy)methane	348000	U
120-83-2	2,4-Dichlorophenol	348000	U
120-82-1	1,2,4-Trichlorobenzene	348000	U
91-20-3	Naphthalene	348000	U
106-47-8	4-Chloroaniline	348000	U
91-57-6	2-Methylnaphthalene	348000	U
87-68-3	Hexachlorobutadiene	348000	U
59-50-7	4-Chloro-3-methylphenol	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD227

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747410 Lab File ID: 474-10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 2020

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	348000	U
77-47-4	Hexachlorocyclopentadiene	870000	U
88-06-2	2,4,6-Trichlorophenol	348000	U
95-95-4	2,4,5-Trichlorophenol	348000	U
91-58-7	2-Chloronaphthalene	352000	U
88-74-4	2-Nitroaniline	348000	U
208-96-8	Acenaphthylene	348000	U
131-11-3	Dimethyl-phthalate	348000	U
606-20-2	2,6-Dinitrotoluene	348000	U
83-32-9	Acenaphthene	348000	U
99-09-2	3-Nitroaniline	348000	U
51-28-5	2,4-Dinitrophenol	1750000	U
132-64-9	Dibenzofuran	348000	U
121-14-2	2,4-Dinitrotoluene	348000	U
100-02-7	4-Nitrophenol	870000	U
86-73-7	Fluorene	348000	U
7005-72-3	4-Chlorophenyl-phenylether	348000	U
84-66-2	Diethylphthalate	348000	U
100-01-6	4-Nitroaniline	348000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1740000	U
86-30-6	N-Nitrosodiphenylamine	348000	U
101-55-3	4-Bromophenyl-phenylether	348000	U
118-74-1	Hexachlorobenzene	348000	U
87-86-5	Pentachlorophenol	1740000	U
85-01-8	Phenanthrene	348000	U
120-12-7	Anthracene	348000	U
84-74-2	Di-n-butylphthalate	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD227

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747410 Lab File ID: 474-10.D

Sample wt/vol: 1.15 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 2020

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	348000	U
129-00-0	Pyrene	348000	U
92-87-5	Benzidine	874000	U
85-68-7	Butylbenzylphthalate	348000	U
91-94-1	3,3'-Dichlorobenzidine	348000	U
56-55-3	Benzo(a)anthracene	348000	U
218-01-9	Chrysene	348000	U
117-81-7	bis(2-ethylhexyl)phthalate	348000	U
117-84-0	Di-n-octylphthalate	348000	U
205-99-2	Benzo(b)fluoranthene	348000	U
207-08-9	Benzo(k)fluoranthene	348000	U
50-32-8	Benzo(a)pyrene	348000	U
193-39-5	Indeno(1,2,3-cd)pyrene	348000	U
53-70-3	Dibenz(a,h)anthracene	348000	U
191-24-2	Benzo(g,h,i)perylene	348000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD232

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747411 Lab File ID: 474-11.D

Sample wt/vol: 1.21 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 2052

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	331000	U
62-53-3	Aniline	331000	U
111-44-4	Bis(2-Chloroethyl)ether	331000	U
108-95-2	Phenol	1650000	U
95-57-8	2-Chlorophenol	331000	U
541-73-1	1,3-Dichlorobenzene	331000	U
106-46-7	1,4-Dichlorobenzene	331000	U
95-50-1	1,2-Dichlorobenzene	331000	U
100-51-6	Benzyl alcohol	827000	U
108-60-1	2,2-Oxybis(1-chloropropane)	335000	U
95-48-7	2-Methylphenol (o-Cresol)	331000	U
67-72-1	Hexachloroethane	335000	U
621-64-7	N-Nitroso-di-n-propylamine	331000	U
106-44-5	4-Methylphenol	331000	U
98-95-3	Nitrobenzene	331000	U
78-59-1	Isophorone	331000	U
88-75-5	2-Nitrophenol	331000	U
105-67-9	2,4-Dimethylphenol	331000	U
65-85-0	Benzoic acid	1650000	U
111-91-1	Bis(2-Chloroethoxy)methane	331000	U
120-83-2	2,4-Dichlorophenol	331000	U
120-82-1	1,2,4-Trichlorobenzene	331000	U
91-20-3	Naphthalene	331000	U
106-47-8	4-Chloroaniline	331000	U
91-57-6	2-Methylnaphthalene	331000	U
87-68-3	Hexachlorobutadiene	331000	U
59-50-7	4-Chloro-3-methylphenol	331000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD232

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747411 Lab File ID: 474-11.D

Sample wt/vol: 1.21 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 2052

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	331000	U
77-47-4	Hexachlorocyclopentadiene	827000	U
88-06-2	2,4,6-Trichlorophenol	331000	U
95-95-4	2,4,5-Trichlorophenol	331000	U
91-58-7	2-Chloronaphthalene	335000	U
88-74-4	2-Nitroaniline	331000	U
208-96-8	Acenaphthylene	331000	U
131-11-3	Dimethyl-phthalate	331000	U
606-20-2	2,6-Dinitrotoluene	331000	U
83-32-9	Acenaphthene	331000	U
99-09-2	3-Nitroaniline	331000	U
51-28-5	2,4-Dinitrophenol	1660000	U
132-64-9	Dibenzofuran	331000	U
121-14-2	2,4-Dinitrotoluene	331000	U
100-02-7	4-Nitrophenol	827000	U
86-73-7	Fluorene	331000	U
7005-72-3	4-Chlorophenyl-phenylether	331000	U
84-66-2	Diethylphthalate	331000	U
100-01-6	4-Nitroaniline	331000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1650000	U
86-30-6	N-Nitrosodiphenylamine	331000	U
101-55-3	4-Bromophenyl-phenylether	331000	U
118-74-1	Hexachlorobenzene	331000	U
87-86-5	Pentachlorophenol	1650000	U
85-01-8	Phenanthrene	331000	U
120-12-7	Anthracene	331000	U
84-74-2	Di-n-butylphthalate	331000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD232

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747411 Lab File ID: 474-11.D

Sample wt/vol: 1.21 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 2052

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	331000	U
129-00-0	Pyrene	331000	U
92-87-5	Benzidine	830000	U
85-68-7	Butylbenzylphthalate	331000	U
91-94-1	3,3'-Dichlorobenzidine	331000	U
56-55-3	Benzo(a)anthracene	331000	U
218-01-9	Chrysene	331000	U
117-81-7	bis(2-ethylhexyl)phthalate	331000	U
117-84-0	Di-n-octylphthalate	331000	U
205-99-2	Benzo(b)fluoranthene	331000	U
207-08-9	Benzo(k)fluoranthene	331000	U
50-32-8	Benzo(a)pyrene	331000	U
193-39-5	Indeno(1,2,3-cd)pyrene	331000	U
53-70-3	Dibenz(a,h)anthracene	331000	U
191-24-2	Benzo(g,h,i)perylene	331000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD42

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747412 Lab File ID: 474-12.D

Sample wt/vol: 1.16 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 2124

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	1730000	U
62-53-3	Aniline	1730000	U
111-44-4	Bis(2-Chloroethyl)ether	1730000	U
108-95-2	Phenol	8620000	U
95-57-8	2-Chlorophenol	1730000	U
541-73-1	1,3-Dichlorobenzene	1730000	U
106-46-7	1,4-Dichlorobenzene	1730000	U
95-50-1	1,2-Dichlorobenzene	1730000	U
100-51-6	Benzyl alcohol	4310000	U
108-60-1	2,2-Oxybis(1-chloropropane)	1740000	U
95-48-7	2-Methylphenol (o-Cresol)	1730000	U
67-72-1	Hexachloroethane	1740000	U
621-64-7	N-Nitroso-di-n-propylamine	1730000	U
106-44-5	4-Methylphenol	1730000	U
98-95-3	Nitrobenzene	1730000	U
78-59-1	Isophorone	1730000	U
88-75-5	2-Nitrophenol	1730000	U
105-67-9	2,4-Dimethylphenol	1730000	U
65-85-0	Benzoic acid	8620000	U
111-91-1	Bis(2-Chloroethoxy)methane	1730000	U
120-83-2	2,4-Dichlorophenol	1730000	U
120-82-1	1,2,4-Trichlorobenzene	1730000	U
91-20-3	Naphthalene	1730000	U
106-47-8	4-Chloroaniline	1730000	U
91-57-6	2-Methylnaphthalene	1730000	U
87-68-3	Hexachlorobutadiene	1730000	U
59-50-7	4-Chloro-3-methylphenol	1730000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD42

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747412 Lab File ID: 474-12.D

Sample wt/vol: 1.16 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 2124

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	1730000	U
77-47-4	Hexachlorocyclopentadiene	4310000	U
88-06-2	2,4,6-Trichlorophenol	1730000	U
95-95-4	2,4,5-Trichlorophenol	1730000	U
91-58-7	2-Chloronaphthalene	1740000	U
88-74-4	2-Nitroaniline	1730000	U
208-96-8	Acenaphthylene	1730000	U
131-11-3	Dimethyl-phthalate	1730000	U
606-20-2	2,6-Dinitrotoluene	1730000	U
83-32-9	Acenaphthene	1730000	U
99-09-2	3-Nitroaniline	1730000	U
51-28-5	2,4-Dinitrophenol	8660000	U
132-64-9	Dibenzofuran	1730000	U
121-14-2	2,4-Dinitrotoluene	1730000	U
100-02-7	4-Nitrophenol	4310000	U
86-73-7	Fluorene	1730000	U
7005-72-3	4-Chlorophenyl-phenylether	1730000	U
84-66-2	Diethylphthalate	1730000	U
100-01-6	4-Nitroaniline	1730000	U
534-52-1	2-Methyl-4,6-dinitrophenol	8620000	U
86-30-6	N-Nitrosodiphenylamine	1730000	U
101-55-3	4-Bromophenyl-phenylether	1730000	U
118-74-1	Hexachlorobenzene	1730000	U
87-86-5	Pentachlorophenol	8620000	U
85-01-8	Phenanthrene	1730000	U
120-12-7	Anthracene	1730000	U
84-74-2	Di-n-butylphthalate	1730000	U

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD42

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747412 Lab File ID: 474-12.D

Sample wt/vol: 1.16 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 2124

PercentSolids: 100 decanted : (Dilution Factor: 50

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	1730000	U
129-00-0	Pyrene	1730000	U
92-87-5	Benzidine	4330000	U
85-68-7	Butylbenzylphthalate	1730000	U
91-94-1	3,3'-Dichlorobenzidine	1730000	U
56-55-3	Benzo(a)anthracene	1730000	U
218-01-9	Chrysene	1730000	U
117-81-7	bis(2-ethylhexyl)phthalate	1730000	U
117-84-0	Di-n-octylphthalate	1730000	U
205-99-2	Benzo(b)fluoranthene	1730000	U
207-08-9	Benzo(k)fluoranthene	1730000	U
50-32-8	Benzo(a)pyrene	1730000	U
193-39-5	Indeno(1,2,3-cd)pyrene	1730000	U
53-70-3	Dibenz(a,h)anthracene	1730000	U
191-24-2	Benzo(g,h,i)perylene	1730000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD201

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747413 Lab File ID: 474-13.D

Sample wt/vol: 1.23 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1133

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	326000	U
62-53-3	Aniline	326000	U
111-44-4	Bis(2-Chloroethyl)ether	326000	U
108-95-2	Phenol	546000	J
95-57-8	2-Chlorophenol	326000	U
541-73-1	1,3-Dichlorobenzene	326000	U
106-46-7	1,4-Dichlorobenzene	326000	U
95-50-1	1,2-Dichlorobenzene	326000	U
100-51-6	Benzyl alcohol	813000	U
108-60-1	2,2-Oxybis(1-chloropropane)	329000	U
95-48-7	2-Methylphenol (o-Cresol)	326000	U
67-72-1	Hexachloroethane	329000	U
621-64-7	N-Nitroso-di-n-propylamine	326000	U
106-44-5	4-Methylphenol	66800	J
98-95-3	Nitrobenzene	326000	U
78-59-1	Isophorone	326000	U
88-75-5	2-Nitrophenol	326000	U
105-67-9	2,4-Dimethylphenol	326000	U
65-85-0	Benzoic acid	1630000	U
111-91-1	Bis(2-Chloroethoxy)methane	326000	U
120-83-2	2,4-Dichlorophenol	326000	U
120-82-1	1,2,4-Trichlorobenzene	326000	U
91-20-3	Naphthalene	326000	U
106-47-8	4-Chloroaniline	326000	U
91-57-6	2-Methylnaphthalene	326000	U
87-68-3	Hexachlorobutadiene	326000	U
59-50-7	4-Chloro-3-methylphenol	326000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD201

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747413 Lab File ID: 474-13.D

Sample wt/vol: 1.23 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1133

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	326000	U
77-47-4	Hexachlorocyclopentadiene	813000	U
88-06-2	2,4,6-Trichlorophenol	326000	U
95-95-4	2,4,5-Trichlorophenol	326000	U
91-58-7	2-Chloronaphthalene	329000	U
88-74-4	2-Nitroaniline	326000	U
208-96-8	Acenaphthylene	326000	U
131-11-3	Dimethyl-phthalate	326000	U
606-20-2	2,6-Dinitrotoluene	326000	U
83-32-9	Acenaphthene	326000	U
99-09-2	3-Nitroaniline	326000	U
51-28-5	2,4-Dinitrophenol	1630000	U
132-64-9	Dibenzofuran	326000	U
121-14-2	2,4-Dinitrotoluene	326000	U
100-02-7	4-Nitrophenol	813000	U
86-73-7	Fluorene	326000	U
7005-72-3	4-Chlorophenyl-phenylether	326000	U
84-66-2	Diethylphthalate	326000	U
100-01-6	4-Nitroaniline	326000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1630000	U
86-30-6	N-Nitrosodiphenylamine	326000	U
101-55-3	4-Bromophenyl-phenylether	326000	U
118-74-1	Hexachlorobenzene	326000	U
87-86-5	Pentachlorophenol	1630000	U
85-01-8	Phenanthrene	326000	U
120-12-7	Anthracene	326000	U
84-74-2	Di-n-butylphthalate	326000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD201

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747413 Lab File ID: 474-13.D

Sample wt/vol: 1.23 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/12/07 Time: 1133

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	326000	U
129-00-0	Pyrene	326000	U
92-87-5	Benzidine	817000	U
85-68-7	Butylbenzylphthalate	326000	U
91-94-1	3,3'-Dichlorobenzidine	326000	U
56-55-3	Benzo(a)anthracene	326000	U
218-01-9	Chrysene	326000	U
117-81-7	bis(2-ethylhexyl)phthalate	326000	U
117-84-0	Di-n-octylphthalate	326000	U
205-99-2	Benzo(b)fluoranthene	326000	U
207-08-9	Benzo(k)fluoranthene	326000	U
50-32-8	Benzo(a)pyrene	326000	U
193-39-5	Indeno(1,2,3-cd)pyrene	326000	U
53-70-3	Dibenz(a,h)anthracene	326000	U
191-24-2	Benzo(g,h,i)perylene	326000	U

QC Summary

130907 1512

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3424BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 248462 Lab File ID: 3424BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1110

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
62-75-9	N-Nitrosodimethylamine	40000	U
62-53-3	Aniline	40000	U
111-44-4	Bis(2-Chloroethyl)ether	40000	U
108-95-2	Phenol	200000	U
95-57-8	2-Chlorophenol	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
100-51-6	Benzyl alcohol	100000	U
108-60-1	2,2-Oxybis(1-chloropropane)	40500	U
95-48-7	2-Methylphenol (o-Cresol)	40000	U
67-72-1	Hexachloroethane	40500	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
106-44-5	4-Methylphenol	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
65-85-0	Benzoic acid	200000	U
111-91-1	Bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
91-57-6	2-Methylnaphthalene	40000	U
87-68-3	Hexachlorobutadiene	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3424BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 248462 Lab File ID: 3424BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1110

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
90-12-0	1-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	100000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
91-58-7	2-Chloronaphthalene	40500	U
88-74-4	2-Nitroaniline	40000	U
208-96-8	Acenaphthylene	40000	U
131-11-3	Dimethyl-phthalate	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
83-32-9	Acenaphthene	40000	U
99-09-2	3-Nitroaniline	40000	U
51-28-5	2,4-Dinitrophenol	201000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
100-02-7	4-Nitrophenol	100000	U
86-73-7	Fluorene	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
84-66-2	Diethylphthalate	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	2-Methyl-4,6-dinitrophenol	200000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
87-86-5	Pentachlorophenol	200000	U
85-01-8	Phenanthrene	40000	U
120-12-7	Anthracene	40000	U
84-74-2	Di-n-butylphthalate	40000	U

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 3424BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 248462 Lab File ID: 3424BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/06/07

Concentrated Extract Volume: 10 Date Extracted: 09/06/07

Level:(low/med) LOW Date Analyzed: 09/11/07 Time: 1110

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
206-44-0	Fluoranthene	40000	U
129-00-0	Pyrene	40000	U
92-87-5	Benzidine	100000	U
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3'-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	40000	U
218-01-9	Chrysene	40000	U
117-81-7	bis(2-ethylhexyl)phthalate	40000	U
117-84-0	Di-n-octylphthalate	40000	U
205-99-2	Benzo(b)fluoranthene	40000	U
207-08-9	Benzo(k)fluoranthene	40000	U
50-32-8	Benzo(a)pyrene	40000	U
193-39-5	Indeno(1,2,3-cd)pyrene	40000	U
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	40000	U

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 3424LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
N-Nitrosodimethylamine	80000	72500	90.6		30.0	48 - 115
Aniline	80000	99400	124.0		30.0	47 - 140
Bis(2-Chloroethyl)ether	80000	86800	108.0 *		30.0	61 - 105
Phenol	80000	89400	112.0 *		23.0	46 - 100
2-Chlorophenol	80000	94700	118.0 *		24.0	54 - 105
1,3-Dichlorobenzene	80000	96900	121.0 *		26.0	67 - 100
1,4-Dichlorobenzene	80000	93000	116.0 *		27.0	62 - 105
1,2-Dichlorobenzene	80000	99700	125.0 *		30.0	65 - 95
Benzyl alcohol	80000	0	0.0 *		30.0	64 - 125
2,2-Oxybis(1-chloropropane)	80000	102000	128.0 *		30.0	52 - 115
2-Methylphenol (o-Cresol)	80000	91000	114.0 *		30.0	58 - 105
Hexachloroethane	80000	94400	118.0 *		28.0	65 - 110
N-Nitroso-di-n-propylamine	80000	95400	119.0 *		28.0	59 - 115
4-Methylphenol	80000	84300	105.0		26.0	57 - 105
Nitrobenzene	80000	89400	112.0		27.0	71 - 115
Isophorone	80000	95200	119.0 *		30.0	69 - 110
2-Nitrophenol	80000	89200	112.0 *		20.0	61 - 110
2,4-Dimethylphenol	80000	93000	116.0 *		30.0	65 - 105
Benzoic acid	160000	189000	118.0 *		30.0	10 - 106
Bis(2-Chloroethoxy)methane	80000	85200	106.0		30.0	70 - 110
2,4-Dichlorophenol	80000	94200	118.0 *		29.0	64 - 110
1,2,4-Trichlorobenzene	80000	91800	115.0 *		29.0	71 - 110
Naphthalene	80000	93600	117.0 *		23.0	67 - 105
4-Chloroaniline	80000	82400	103.0 *		30.0	57 - 95
2-Methylnaphthalene	80000	98600	123.0 *		22.0	72 - 105
Hexachlorobutadiene	80000	88100	110.0		27.0	79 - 115
4-Chloro-3-methylphenol	80000	89500	112.0		30.0	62 - 115
1-Methylnaphthalene	80000	99300	124.0		25.0	67 - 145
Hexachlorocyclopentadiene	80000	76800	96.0		44.0	34 - 139
2,4,6-Trichlorophenol	80000	90500	113.0 *		30.0	62 - 110
2,4,5-Trichlorophenol	80000	86000	108.0		29.0	61 - 110
2-Chloronaphthalene	80000	95000	119.0 *		24.0	72 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1512

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3424LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
2-Nitroaniline	80000	87400	109.0		23.0	71 - 120
Acenaphthylene	80000	91000	114.0 *		21.0	66 - 105
Dimethyl-phthalate	80000	92100	115.0 *		30.0	69 - 110
2,6-Dinitrotoluene	80000	88900	111.0 *		30.0	73 - 110
Acenaphthene	80000	93400	117.0 *		28.0	65 - 110
3-Nitroaniline	80000	85000	106.0		30.0	76 - 110
2,4-Dinitrophenol	160000	129000	80.6		30.0	29 - 130
Dibenzofuran	80000	94600	118.0 *		28.0	75 - 105
2,4-Dinitrotoluene	80000	91800	115.0		29.0	77 - 115
4-Nitrophenol	80000	61800	77.2		30.0	52 - 140
Fluorene	80000	92100	115.0 *		28.0	67 - 110
4-Chlorophenyl-phenylether	80000	98800	124.0 *		30.0	65 - 110
Diethylphthalate	80000	93000	116.0 *		28.0	68 - 115
4-Nitroaniline	80000	129000	161.0 *		30.0	70 - 115
2-Methyl-4,6-dinitrophenol	80000	71000	88.8		28.0	34 - 135
N-Nitrosodiphenylamine	80000	102000	128.0 *		23.0	77 - 115
4-Bromophenyl-phenylether	80000	97100	121.0 *		30.0	59 - 115
Hexachlorobenzene	80000	92400	116.0		28.0	77 - 120
Pentachlorophenol	80000	83400	104.0		30.0	36 - 120
Phenanthrene	80000	91700	115.0 *		25.0	67 - 110
Anthracene	80000	91500	114.0 *		19.0	67 - 105
Di-n-butylphthalate	80000	91800	115.0 *		29.0	67 - 110
Fluoranthene	80000	90300	113.0		21.0	74 - 115
Pyrene	80000	89700	112.0		20.0	67 - 125
Benzidine	80000	0	0.0 *		30.0	10 - 149
Butylbenzylphthalate	80000	85500	107.0		30.0	66 - 125
3,3'-Dichlorobenzidine	80000	68400	85.5		30.0	41 - 130
Benzo(a)anthracene	80000	85400	107.0		29.0	67 - 110
Chrysene	80000	93500	117.0 *		30.0	65 - 110
bis(2-ethylhexyl)phthalate	80000	90700	113.0		30.0	65 - 125
Di-n-octylphthalate	80000	84700	106.0		30.0	64 - 130
Benzo(b)fluoranthene	80000	83400	104.0		30.0	49 - 115

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1512

Form III

3

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

3424LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Benzo(k)fluoranthene	80000	90200	113.0		28.0	53 - 125
Benzo(a)pyrene	80000	85900	107.0		25.0	60 - 110
Indeno(1,2,3-cd)pyrene	80000	71700	89.6		30.0	40 - 120
Dibenz(a,h)anthracene	80000	79500	99.4		30.0	40 - 125
Benzo(g,h,i)perylene	80000	76500	95.6		23.0	41 - 125

Spike Recovery: 38 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

130907 1512

Form III

GC/ECD PCB ORGANICS

METHOD 8082

130907 1512

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

Soil samples were prepared by SW846 EPA 3580 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD231 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 141 % with criteria of (33-140).

Sample NPPD256 was recovered above criteria for the following surrogate(s):
Decachlorobiphenyl at 143 % with criteria of (33-140).

Since the surrogate recoveries were above QC limits and none of the associated samples had target compounds found above RL, it can be assured that had the analytes been in the samples they would have been detected, so no further action was taken.

Samples coded accordingly.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.
Samples NPPD243, NPPD245 and NPPD42 required a 1:10 dilution due to sample matrix interference. Only the diluted runs are reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 09/11/2007**

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Method: 8082

EPA Sample No	Lab Sample ID
NPPD256	250747401
NPPD245	250747402
NPPD243	250747403
NPPD224	250747404
NPPD221	250747405
NPPD226	250747406
NPPD225	250747407
NPPD231	250747408
NPPD38	250747409
NPPD227	250747410
NPPD232	250747411
NPPD42	250747412
NPPD201	250747413

130907 1512

Sample Data

130907 1512

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD256

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747401 Lab File ID: 474-01.D

Sample wt/vol: 1.09 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2320

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD245

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747402 Lab File ID: 474-2D10.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2351

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4500	U
11096-82-5	Aroclor-1260	4500	U
11104-28-2	Aroclor-1221	4500	U
11141-16-5	Aroclor-1232	4500	U
53469-21-9	Aroclor-1242	4500	U
12672-29-6	Aroclor-1248	4500	U
11097-69-1	Aroclor-1254	4500	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD243

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747403 Lab File ID: 474-3D10.D

Sample wt/vol: 1.01 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0022

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4400	U
11096-82-5	Aroclor-1260	4400	U
11104-28-2	Aroclor-1221	4400	U
11141-16-5	Aroclor-1232	4400	U
53469-21-9	Aroclor-1242	4400	U
12672-29-6	Aroclor-1248	4400	U
11097-69-1	Aroclor-1254	4400	U

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD224

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747404 Lab File ID: 474-04.D

Sample wt/vol: 1.09 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0053

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD221

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747405 Lab File ID: 474-05.D

Sample wt/vol: 1.03 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0124

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD226

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406 Lab File ID: 474-06.D

Sample wt/vol: 1.02 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0156

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD225

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747407 Lab File ID: 474-07.D

Sample wt/vol: 1.02 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0227

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	440	U
11096-82-5	Aroclor-1260	440	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	440	U
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	440	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD231

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747408 Lab File ID: 474-08.D

Sample wt/vol: 1.09 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0258

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	410	U
11096-82-5	Aroclor-1260	410	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	410	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD38

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747409 Lab File ID: 474-09.D

Sample wt/vol: 1.04 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0329

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD227

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747410 Lab File ID: 474-10.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0400

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD232

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747411 Lab File ID: 474-11.D

Sample wt/vol: 1 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0431

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD42

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747412 Lab File ID: 47412D10.D

Sample wt/vol: 1.01 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0502

PercentSolids: 100 decanted : (Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	4400	U
11096-82-5	Aroclor-1260	4400	U
11104-28-2	Aroclor-1221	4400	U
11141-16-5	Aroclor-1232	4400	U
53469-21-9	Aroclor-1242	4400	U
12672-29-6	Aroclor-1248	4400	U
11097-69-1	Aroclor-1254	4400	U

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: NPPD201

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747413 Lab File ID: 474-13.D

Sample wt/vol: 1.04 Units: G Date Received: 08/29/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/10/07 Time: 0636

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	430	U
11096-82-5	Aroclor-1260	430	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U

QC Summary

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1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 401BLK

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 248191 Lab File ID: 401BLK.D

Sample wt/vol: 1 Units: G Date Received: 09/04/07

Concentrated Extract Volume: 10 Date Extracted: 09/04/07

Level:(low/med) LOW Date Analyzed: 09/09/07 Time: 2218

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
12674-11-2	Aroclor-1016	450	U
11096-82-5	Aroclor-1260	450	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	450	U

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

401LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

COMPOUND	SPIKE ADDED UG/KG	LCS CONCENTRATION UG/KG	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10000	10400	104.0		21.0	40 - 140
Aroclor-1260	10000	10400	104.0		32.0	60 - 125

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

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Form III

Inorganics

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Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

B The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

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Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

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METALS DATA PACKAGE
TOTALS

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CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 248436BLK was analyzed with the soil samples on 09/07/07. The following analyte(s) were detected below RL: Iron at 1.34 MG/KG.
Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. ICP Interference Check Samples:

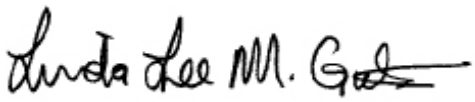
All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

Sample NPPD227 required a 1:2 dilution due to matrix interference with the following analyte(s): Arsenic, Thallium.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE:** **09/10/2007**

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2507474

Client: T N & Associates, Inc.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Linda Lee M. Gale

SIGNED: **DATE: 09/07/2007**

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packer

Lab Code : PEL Case No.: SDG No.: 2507474

SOW No.:

EPA Sample No	Lab Sample ID
NPPD256	250747401
NPPD245	250747402
NPPD243	250747403
NPPD224	250747404
NPPD221	250747405
NPPD226	250747406
NPPD225	250747407
NPPD231	250747408
NPPD38	250747409
NPPD227	250747410
NPPD227DL1	250747410DL1
NPPD232	250747411
NPPD42	250747412
NPPD201	250747413

Were ICP interelement corrections applied?	Yes/No	Yes
Were ICP background corrections applied?	Yes/No	Yes
If yes - were raw data generated before application of background corrections?	Yes/No	No

Comments:

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Sample Data

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD256

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747401

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	1.7			P
7440-38-2	Arsenic	0.491	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0491	U		P
7440-70-2	Calcium	7.3	B		P
7440-47-3	Chromium	0.299	B		P
7440-48-4	Cobalt	0.0491	U		P
7440-50-8	Copper	0.82			P
7439-89-6	Iron	3910			P
7439-92-1	Lead	0.334	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	14.4			P
7439-97-6	Mercury	0.00361	B		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	164			P
7782-49-2	Selenium	1.72			P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	77.3			P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD256

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747401

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD245

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747402

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.03	U		P
7440-36-0	Antimony	0.222	U		P
7440-38-2	Arsenic	0.484	U		P
7440-39-3	Barium	0.155	U		P
7440-41-7	Beryllium	0.155	U		P
7440-43-9	Cadmium	0.0484	U		P
7440-70-2	Calcium	3.19	U		P
7440-47-3	Chromium	0.155	U		P
7440-48-4	Cobalt	0.0484	U		P
7440-50-8	Copper	0.176	B		P
7439-89-6	Iron	0.788	B		P
7439-92-1	Lead	0.329	U		P
7439-95-4	Magnesium	2.9	U		P
7439-96-5	Manganese	0.155	U		P
7439-97-6	Mercury	0.00234	B		CV
7440-02-0	Nickel	0.155	U		P
7440-09-7	Potassium	6.68	B		P
7782-49-2	Selenium	0.484	U		P
7440-22-4	Silver	0.155	U		P
7440-23-5	Sodium	58.7			P
7440-28-0	Thallium	0.319	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD245

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747402

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.155	U		P
7440-66-6	Zinc	0.319	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD243

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747403

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	0.226	U		P
7440-38-2	Arsenic	0.491	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0491	U		P
7440-70-2	Calcium	3.24	U		P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.0491	U		P
7440-50-8	Copper	0.157	U		P
7439-89-6	Iron	0.88	B		P
7439-92-1	Lead	0.334	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	0.157	U		P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	6.81	B		P
7782-49-2	Selenium	0.491	U		P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	62.8			P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD243

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747403

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	0.424	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD224

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747404

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	6.4	B		P
7440-36-0	Antimony	0.23	U		P
7440-38-2	Arsenic	0.499	U		P
7440-39-3	Barium	2.7			P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.0499	U		P
7440-70-2	Calcium	73.1			P
7440-47-3	Chromium	2.03			P
7440-48-4	Cobalt	0.0499	U		P
7440-50-8	Copper	6.01			P
7439-89-6	Iron	1600			P
7439-92-1	Lead	0.608	B		P
7439-95-4	Magnesium	35.2			P
7439-96-5	Manganese	14.1			P
7439-97-6	Mercury	0.00388	B		CV
7440-02-0	Nickel	0.41	B		P
7440-09-7	Potassium	81.8			P
7782-49-2	Selenium	0.514	B		P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	8530			P
7440-28-0	Thallium	0.329	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD224

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747404

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.16	U		P
7440-66-6	Zinc	16			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD221

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747405

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	0.221	U		P
7440-38-2	Arsenic	0.48	U		P
7440-39-3	Barium	0.665			P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.048	U		P
7440-70-2	Calcium	4.98	B		P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.048	U		P
7440-50-8	Copper	0.154	U		P
7439-89-6	Iron	405			P
7439-92-1	Lead	0.326	U		P
7439-95-4	Magnesium	2.88	U		P
7439-96-5	Manganese	0.67			P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	4.8	U		P
7782-49-2	Selenium	0.48	U		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	9.6	U		P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD221

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747405

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD226

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	6.04	B		P
7440-36-0	Antimony	32.3			P
7440-38-2	Arsenic	0.489	U		P
7440-39-3	Barium	0.611			P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0489	U		P
7440-70-2	Calcium	54.2			P
7440-47-3	Chromium	0.929			P
7440-48-4	Cobalt	0.0738	B		P
7440-50-8	Copper	5.91			P
7439-89-6	Iron	139			P
7439-92-1	Lead	0.583	B		P
7439-95-4	Magnesium	19.6			P
7439-96-5	Manganese	3.67			P
7439-97-6	Mercury	0.00369	B		CV
7440-02-0	Nickel	0.528			P
7440-09-7	Potassium	690			P
7782-49-2	Selenium	1.66			P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	4920			P
7440-28-0	Thallium	0.323	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD226

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747406

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	3.96			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD225

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747407

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.02	U		P
7440-36-0	Antimony	0.221	U		P
7440-38-2	Arsenic	0.481	U		P
7440-39-3	Barium	0.308	B		P
7440-41-7	Beryllium	0.154	U		P
7440-43-9	Cadmium	0.0481	U		P
7440-70-2	Calcium	21.7			P
7440-47-3	Chromium	0.154	U		P
7440-48-4	Cobalt	0.0481	U		P
7440-50-8	Copper	0.458	B		P
7439-89-6	Iron	647			P
7439-92-1	Lead	0.327	U		P
7439-95-4	Magnesium	6.71	B		P
7439-96-5	Manganese	7.09			P
7439-97-6	Mercury	0.00203	U		CV
7440-02-0	Nickel	0.154	U		P
7440-09-7	Potassium	56.2			P
7782-49-2	Selenium	0.558	B		P
7440-22-4	Silver	0.154	U		P
7440-23-5	Sodium	7430			P
7440-28-0	Thallium	0.317	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD225

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747407

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.154	U		P
7440-66-6	Zinc	0.611	B		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD231

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747408

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.06	U		P
7440-36-0	Antimony	0.226	U		P
7440-38-2	Arsenic	0.491	U		P
7440-39-3	Barium	0.157	U		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0491	U		P
7440-70-2	Calcium	5.35	B		P
7440-47-3	Chromium	0.172	B		P
7440-48-4	Cobalt	0.0491	U		P
7440-50-8	Copper	0.759			P
7439-89-6	Iron	697			P
7439-92-1	Lead	0.334	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	2.62			P
7439-97-6	Mercury	0.0407			CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	4.91	U		P
7782-49-2	Selenium	0.491	U		P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	9.82	U		P
7440-28-0	Thallium	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD231

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747408

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	0.324	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD38

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747409

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.1	U		P
7440-36-0	Antimony	69.5			P
7440-38-2	Arsenic	0.5	U		P
7440-39-3	Barium	0.16	U		P
7440-41-7	Beryllium	0.16	U		P
7440-43-9	Cadmium	0.05	U		P
7440-70-2	Calcium	9.91	B		P
7440-47-3	Chromium	0.305	B		P
7440-48-4	Cobalt	0.05	U		P
7440-50-8	Copper	0.319	B		P
7439-89-6	Iron	1300			P
7439-92-1	Lead	0.34	U		P
7439-95-4	Magnesium	9.2	B		P
7439-96-5	Manganese	7.43			P
7439-97-6	Mercury	0.00206	U		CV
7440-02-0	Nickel	0.16	U		P
7440-09-7	Potassium	2630			P
7782-49-2	Selenium	1.5			P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	1740			P
7440-28-0	Thallium	0.33	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD38

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747409

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.16	U		P
7440-66-6	Zinc	1.02			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD227

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747410

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	28.9			P
7440-36-0	Antimony	0.227	U		P
7440-39-3	Barium	0.158	U		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0493	U		P
7440-70-2	Calcium	86.9			P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0493	U		P
7440-50-8	Copper	0.648			P
7439-89-6	Iron	3.24	B		P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	12.7			P
7439-96-5	Manganese	0.158	U		P
7439-97-6	Mercury	0.00208	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	5.3	B		P
7782-49-2	Selenium	2.58			P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	14.8	B		P
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	47.6			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD227DL1

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747410DL1

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-38-2	Arsenic	0.986	U		P
7440-28-0	Thallium	0.651	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD232

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747411

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.07	U		P
7440-36-0	Antimony	3.32			P
7440-38-2	Arsenic	0.492	U		P
7440-39-3	Barium	0.445	B		P
7440-41-7	Beryllium	0.157	U		P
7440-43-9	Cadmium	0.0492	U		P
7440-70-2	Calcium	15			P
7440-47-3	Chromium	0.157	U		P
7440-48-4	Cobalt	0.0492	U		P
7440-50-8	Copper	1.81			P
7439-89-6	Iron	97.9			P
7439-92-1	Lead	0.335	U		P
7439-95-4	Magnesium	2.95	U		P
7439-96-5	Manganese	0.34	B		P
7439-97-6	Mercury	0.002	U		CV
7440-02-0	Nickel	0.157	U		P
7440-09-7	Potassium	476			P
7782-49-2	Selenium	0.492	U		P
7440-22-4	Silver	0.157	U		P
7440-23-5	Sodium	1110			P
7440-28-0	Thallium	0.325	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD232

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747411

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.157	U		P
7440-66-6	Zinc	39.8			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD42

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747412

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.05	U		P
7440-36-0	Antimony	0.225	U		P
7440-38-2	Arsenic	0.488	U		P
7440-39-3	Barium	0.156	U		P
7440-41-7	Beryllium	0.156	U		P
7440-43-9	Cadmium	0.0488	U		P
7440-70-2	Calcium	74			P
7440-47-3	Chromium	0.156	U		P
7440-48-4	Cobalt	0.0488	U		P
7440-50-8	Copper	0.458	B		P
7439-89-6	Iron	15.6			P
7439-92-1	Lead	0.332	U		P
7439-95-4	Magnesium	7.93	B		P
7439-96-5	Manganese	0.17	B		P
7439-97-6	Mercury	0.002	U		CV
7440-02-0	Nickel	0.156	U		P
7440-09-7	Potassium	11.9	B		P
7782-49-2	Selenium	0.488	U		P
7440-22-4	Silver	0.156	U		P
7440-23-5	Sodium	9.76	U		P
7440-28-0	Thallium	0.322	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD42

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747412

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.156	U		P
7440-66-6	Zinc	53			P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD201

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747413

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7429-90-5	Aluminum	2.08	U		P
7440-36-0	Antimony	11.8			P
7440-38-2	Arsenic	0.495	U		P
7440-39-3	Barium	0.206	B		P
7440-41-7	Beryllium	0.158	U		P
7440-43-9	Cadmium	0.0495	U		P
7440-70-2	Calcium	14.4			P
7440-47-3	Chromium	0.158	U		P
7440-48-4	Cobalt	0.0495	U		P
7440-50-8	Copper	0.158	U		P
7439-89-6	Iron	1370			P
7439-92-1	Lead	0.337	U		P
7439-95-4	Magnesium	58.8			P
7439-96-5	Manganese	7.55			P
7439-97-6	Mercury	0.00205	U		CV
7440-02-0	Nickel	0.158	U		P
7440-09-7	Potassium	114			P
7782-49-2	Selenium	1.39			P
7440-22-4	Silver	0.158	U		P
7440-23-5	Sodium	779			P
7440-28-0	Thallium	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

NPPD201

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Lab Sample ID: 250747413

Level:(low/med) LOW Date Received: 8/29/2007

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-62-2	Vanadium	0.158	U		P
7440-66-6	Zinc	0.327	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

130907 1512

QC Summary

130907 1512

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6

DUPLICATES

EPA Sample No.

248202LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	0.287		0.288		0.3		CV

Comments:

130907 1512

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6

DUPLICATES

EPA Sample No.

248438LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Matrix: SOIL Level:(low/med) LOW

% Solids for Sample: 100 % Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	5150		5060		1.8		P
Antimony	20	54.8		53.1		3.2		P
Arsenic	20	52.4		51.1		2.5		P
Barium	20	154		150		2.6		P
Beryllium	20	53.2		51.9		2.5		P
Cadmium	20	51.2		49.8		2.8		P
Calcium	20	4970		4860		2.2		P
Chromium	20	52.4		50.9		2.9		P
Cobalt	20	50.5		49.4		2.2		P
Copper	20	51.8		50.4		2.7		P
Iron	20	5330		5210		2.3		P
Lead	20	51.8		50.5		2.5		P
Magnesium	20	4910		4850		1.2		P
Manganese	20	52.1		50.8		2.5		P
Nickel	20	51.4		49.6		3.6		P
Potassium	20	5120		5040		1.6		P
Selenium	20	51.4		49.8		3.2		P
Silver	20	21.2		20.6		2.9		P
Sodium	20	5170		5080		1.8		P
Thallium	20	50.6		49.1		3.0		P
Vanadium	20	54.7		53		3.2		P
Zinc	20	51.9		50.5		2.7		P

Comments:

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U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248202LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Solid LCS Source: MET-61501

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.287		80	120	95.7

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248202LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Solid LCS Source: MET-61501

Aqueous LCS Source:

	Aqueous			Solid (MG/KG)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Mercury				0.3	0.288		80	120	96.0

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7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248437LCS

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	5150		80 - 120	103.0
Antimony				50	54.8		80 - 120	109.6
Arsenic				50	52.4		80 - 120	104.8
Barium				150	154		80 - 120	102.7
Beryllium				50	53.2		80 - 120	106.4
Cadmium				50	51.2		80 - 120	102.4
Calcium				5000	4970		80 - 120	99.4
Chromium				50	52.4		80 - 120	104.8
Cobalt				50	50.5		80 - 120	101.0
Copper				50	51.8		80 - 120	103.6
Iron				5000	5330		80 - 120	106.6
Lead				50	51.8		80 - 120	103.6
Magnesium				5000	4910		80 - 120	98.2
Manganese				50	52.1		80 - 120	104.2
Nickel				50	51.4		80 - 120	102.8
Potassium				5000	5120		80 - 120	102.4
Selenium				50	51.4		80 - 120	102.8
Silver				20	21.2		80 - 120	106.0
Sodium				5000	5170		80 - 120	103.4
Thallium				50	50.6		80 - 120	101.2
Vanadium				50	54.7		80 - 120	109.4
Zinc				50	51.9		80 - 120	103.8

130907 1512

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

248438LCSD

Lab Name: PEL Laboratories, Inc. Contract: National Petroleum Packers

Lab Code : PEL Case No.: SAS No: SDG No.: 2507474

Solid LCS Source: 19433, 18965

Aqueous LCS Source:

Analyte	Aqueous True	Aqueous Found	Aqueous %R	Solid (MG/KG) True	Solid (MG/KG) Found	C	Limits	Solid (MG/KG) %R
Aluminum				5000	5060		80 - 120	101.2
Antimony				50	53.1		80 - 120	106.2
Arsenic				50	51.1		80 - 120	102.2
Barium				150	150		80 - 120	100.0
Beryllium				50	51.9		80 - 120	103.8
Cadmium				50	49.8		80 - 120	99.6
Calcium				5000	4860		80 - 120	97.2
Chromium				50	50.9		80 - 120	101.8
Cobalt				50	49.4		80 - 120	98.8
Copper				50	50.4		80 - 120	100.8
Iron				5000	5210		80 - 120	104.2
Lead				50	50.5		80 - 120	101.0
Magnesium				5000	4850		80 - 120	97.0
Manganese				50	50.8		80 - 120	101.6
Nickel				50	49.6		80 - 120	99.2
Potassium				5000	5040		80 - 120	100.8
Selenium				50	49.8		80 - 120	99.6
Silver				20	20.6		80 - 120	103.0
Sodium				5000	5080		80 - 120	101.6
Thallium				50	49.1		80 - 120	98.2
Vanadium				50	53		80 - 120	106.0
Zinc				50	50.5		80 - 120	101.0

130907 1512

Chain of Custody Documentation

130907 1512

Chain of Custody Record
Record/Work Request

PEL Laboratories, Inc.
4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

2507474 ICC

Page 1 of 2

Company: T N & Associates, Inc.	Project Name/Number: National Petroleum Packers/2005148-1089
Address: 1220 Kennestone Circle, Marietta, GA	Project Manager: Lou Van Oldenburg
Phone: 678-355-5580 Fax: 678-355-5545	Purchase Order:
Print Names(s) / Affiliation: Lou Van Oldenburg	Preservatives (see codes)
Sampler(s) Signature(s):	Analyses Requested

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:
REQUESTED DUE DATE
/ /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	6010	8260	8270	8082	Remarks	Lab. No.
1	NPPD256	8/27/07	1135		O	3	X	X	X	X	Waste	01
2	NPPD245		1100									02
3	NPPD243		1105									03
4	NPPD224		1230									04
5	NPPD221		1221									05
6	NPPD226		1215									06
7	NPPD225		1215									07
8	NPPD231		1212									08
9	NPPD38	↓	1227		↓	↓	↓	↓	↓	↓	↓	04

Shipment Method: 27 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.			08/17/07	1100		8/27	10:30
Additional Comments:	Jars Only			8/28/7	17:40	Lou Van Oldenburg	8/29	1020
Standard TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
2 @ 4.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507474

201

PEL Laboratories, Inc.

Chain of Custody Record
Record/Work Request

2507474 KC

4420 Pendola Point Road
Tampa, Florida 33619
(813) 247-2805 • Fax: (813) 248-1537
E-Mail: login@Pelab.com

Company: T N & Associates, Inc.

Address: 1220 Kennesaw Circle, Marietta, GA

Phone: 678-355-5550 Fax: 678-355-5545

Project Name/Number: National Petroleum Packers / 2005148-1089

Project Manager: Lon Von Oldenburg

Purchase Order:

Page 2 of 2

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:

Print Names(s) / Affiliation: Lon Von Oldenburg

Sampler(s) Signature(s):

Preservatives (see codes)

Analyses Requested

REQUESTED DUE DATE / /

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	6010	8260	8270	8082	Remarks	Lab. No.
10	NPPD227	8/27/07	1245		O	3	X	X	X	X	Waste	10
11	NPPD232	8/27/07	1224		O	3	X	X	X	X	Waste	11
12	NPP~~D42~~ D42	8/27/07	1248		O	3	X	X	X	X	↓	12
13	NPPD201	8/27/07	1245		O	3	X	X	X	X	↓	13

Shipment Method: 12 ← Total Number of Containers

Out: / / Via: Item Nos. Relinquished by / Affiliations Date Time Accepted by / Affiliation Date Time

Returned: / / Via.

Additional Comments: Fax Only

Standard TAT

Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
[signature] PEL	08/17/07	1100	[signature]	8/27/7	17:00
[signature]	8/27/7	17:00	[signature]	8/29	0900

Cooler No. (s) / Temperature(s) (C): 2 @ 4.0C

Sampling Kit No.: #2 KC

Equipment ID No.:

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2507474

202

FedEx. US Airbill
Express

FedEx Tracking Number 8592 9213 7294

0200

Recipient's Copy

1 From

Date 8/28/07

Sender's Name _____ Phone 678 355-3550

Company TN & ASSOCIATES

Address 1220 HANI SUM CIR Dept./Floor/Suite/Room

City MARIETTA State GA ZIP 30066

2 Your Internal Billing Reference 3051148 1.8

3 To

Recipient's Name _____ Phone _____

Company PEL - CABS 4

Recipient's Address _____ Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4420 DENSLOW PINE

To request a package be held at a specific FedEx location, print FedEx address here.

City TAMPA State FL ZIP 33624

8592 9213 7294

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: _____ ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	50	$ 100.00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

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fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx Express US Airbill

FedEx Tracking Number 8532 0829 9702

Recipient's Copy

1 From

Date 8/28/07

Sender's Name TN A Phone 679 355-5156

Company TNT Pleasure Sports

Address 122 Kinnerson Circle

City Smithfield State GA ZIP 30066 Dept/Floor/Suite/Room

2 Your Internal Billing Reference 2007 1089

3 To

Recipient's Name Phone

Company PEL Corp

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 4420 Kennedy Blvd Dept/Floor/Suite/Room

To request a package be held at a specific FedEx location, print FedEx address here.

City Tampa State FL ZIP 33619

8532 0829 9702

4a Express Package Service *Packages up to 150 lbs.* * To most locations

- [x] FedEx Priority Overnight — Next business morning*
- [ ] FedEx Standard Overnight — Next business afternoon*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations*
- [ ] FedEx 2Day — Second business day*
- [ ] FedEx Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* ** To most locations

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation:

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check
- [ ] Obtain Recip. Acct. No.

Total Packages	Total Weight	Total Declared Value†	Total Charges
1	53.50	$ 100.00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

Questions? Visit our Web site at fedex.com or call 1.800.GoFedEx 1.800.463.3339.

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2507474	**Req:**	83921
Client:	TN&A	**Project:**	National Petroleum Packers (WASTE
Level:	2	**Date Rec'd:**	8/29/07 10:00:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	09/07/07

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.0C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Stuff. For Analysis?**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by PEL?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
PEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Due Date	Via	Lab Name	Comments

PEER REVIEW

Client: TN&A

WONo: 2507474 **Profile Name:** Nat'l Petro. **Profile #:** 83921

MATRIX ***S***

Sample #	Parameter		Relinquished	Received	Date	Time
01 - 13	7470	Mercury		BMD	9/4/07	900
01 - 13	7470	Mercury	N/A			→
01 - 13	6010	Metals		BMD	9/4/07	900
01 - 13	6010	Metals	N/A			→
01 - 13	8260	Volatile Organic Compounds		MS	8/31/07	11:30
01 - 13	8260	Volatile Organic Compounds			consum	
01 - 13	8270	GCMS semivolatile		SL	9/6/07	15:10
01 - 13	8270	GCMS semivolatile	SL		9/6/07	20:15
01 - 13	8082	PCB		GG	9/4/07	6am
01 - 13	8082	PCB	GG		9/4/07	130pm

Additional:

Comments:

Addendum

130907 1512

Letter of Acceptance

Customer Name: T N & Associates, Inc.

Date and Time Received: 8/29/2007 10:00:00 AM

Date to be Reported: 9/10/2007

Laboratory Submission Number/SDG: 2507474

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=2507474

Project: National Petroleum Packers

Samples: The submission consisted of 13 samples with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8082, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

10-day TAT.

Distribution of Report to:

T N & Associates, Inc.
Attn: Russell Henderson
Phone: W 678-355-5550
F 678-355-5545

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level 2

Total of: 65 analyses on 13 samples (including QC) *30-Aug-07*

Report/SDG #: 2507474

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD256	250747401		S	8/27/2007 11:35:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD245	250747402		S	8/27/2007 11:00:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD243	250747403		S	8/27/2007 11:05:00 AM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507474

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD224	250747404		S	8/27/2007 12:30:00 PM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD221	250747405		S	8/27/2007 12:21:00 PM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD226	250747406		S	8/27/2007 12:15:00 PM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507474

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD225	250747407		S	8/27/2007 12:15:00 PM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD231	250747408		S	8/27/2007 12:12:00 PM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD38	250747409		S	8/27/2007 12:27:00 PM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507474

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD227	250747410		S	8/27/2007 12:45:00 PM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD232	250747411		S	8/27/2007 12:24:00 PM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD42	250747412		S	8/27/2007 12:48:00 PM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 2507474

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
NPPD201	250747413		S	8/27/2007 12:45:00 PM	8/29/2007 10:00:00 AM

Method		
6010	Metals	6010
7470	Mercury	7470
8082	PCB	8082
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Darcy Weisman

From: Darcy Weisman
Sent: Monday, September 10, 2007 11:30 AM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: TNA 2507474 8260 waste
Importance: High

Good morning.

-----Original Message-----
From: Lisa Pelo
Sent: Monday, September 10, 2007 11:00 AM
To: Project Managers
Subject: TNA 2507474 8260 waste
Importance: High

Please notify the project chemist of the following:

Sample NPPD256 was only analyzed and will be reported at a 1:100 dilution based on screening results due to high concentrations of Acetone.

Sample NPPD226 required an additional 1:200 dilution due to a high concentration of Acetone. Both diluted runs will be reported.

Darcy Weisman

From: Darcy Weisman
Sent: Tuesday, September 11, 2007 2:02 PM
To: Russell Henderson (RHenderson@tnainc.com); 'Lou Von Oldenburg'
Subject: FW: 2507474 - 8082 TNA

Good afternoon.

-----Original Message-----
From: Brian Spann
Sent: Tuesday, September 11, 2007 1:39 PM
To: Project Managers
Subject: 2507474 - 8082 TNA

A. Surrogates:

All acceptance criteria were met with the exception of:
Sample NPPD231 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 141 % with criteria of (33-140).

Sample NPPD256 was recovered above criteria for the following surrogate(s): Decachlorobiphenyl at 143 % with criteria of (33-140).

Since the surrogate recoveries were above QC limits and none of the associated samples had target compounds found above RL, it can be assured that had the analytes been in the samples they would have been detected, so no further action was taken.

Samples coded accordingly.

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