

**TABLE 1**  
**CONTAINER CAPACITY VOLUMES**  
**NATIONAL PETROLEUM PACKERS**

Tank ID	Height (ft)	Diameter (ft)	Volume (ft <sup>3</sup> )	Gallons
T-01	40	11.5	4,153	31,064
T-02	40	11.5	4,153	31,064
T-03	40	11.5	4,153	31,064
T-04	18	10	1,413	10,570
T-05	18	8	904	6,765
T-06	24	8.5	1,361	10,182
T-07	28	10	2,198	16,442
T-08	24	8.5	1,361	10,182
T-09	28	10	2,198	16,442
T-10	28	10	2,198	16,442
T-11	37	11	3,514	26,290
T-12	37	11	3,514	26,290
T-13	37	11	3,514	26,290
T-14	37	11	3,514	26,290
T-15	37	11	3,514	26,290
T-16	35	10	2,748	20,553
T-17	35	10	2,748	20,553
T-18	16	10	1,256	9,396
T-19	13	7	500	3,741
T-20	12	7.7	559	4,178
T-21	16	8	804	6,013
T-22	9	5.75	234	1,747
T-23	12	7.7	559	4,178
T-24	38	6	1,074	8,033
T-25	37	11	3,514	26,290
T-26	37	11	3,514	26,290
T-27	12	5.5	285	2,132
			59,457	444,770

Semi-Trailer 1	1,123	8,400
Semi-Trailer 2	1,123	8,400
Semi-Trailer 3	1,123	8,400
		3,369 25,200

Total tank capacity on site July 23, 2007	62,826	469,970
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**Notes:**

ft - Foot  
ft<sup>3</sup> - Cubic feet

**TABLE 2**  
**COMPARISON OF SECONDARY CONTAINMENT UNIT VOLUMES TO CONTAINER VOLUMES**  
**NATIONAL PETROLEUM PACKERS**

<b>Area 1 (includes ASTs 1, 2, 3, 5, &amp; 11)</b>		
Secondary Containment Capacity	6,931 ft <sup>3</sup>	51,844 gallons
Total volume of tanks within Area 1		126,247 gallons

The current containment unit can only hold 41% of the material in the ASTs in area 1.  
The remaining 59% or ~74,403 gallons of material would overflow onto the land

<b>Area 2 (includes ASTs 4, 6, 7, 8, 9, &amp; 10)</b>		
Secondary Containment Capacity	3,036 ft <sup>3</sup>	22,711 gallons
Total volume of tanks within Area 2		80,261 gallons

The current containment unit can only hold ~28% of the material in the ASTs in area 2.  
The remaining 72% or ~57,550 gallons of material would overflow onto the land

<b>Area 3 (includes ASTs 12 &amp; 13)</b>		
Secondary Containment Capacity	2,002 ft <sup>3</sup>	14,976 gallons
Total volume of tanks within Area 3		52,580 gallons

The current containment unit can only hold ~28% of the material in the ASTs in area 3.  
The remaining 72% or ~37,604 gallons of material would overflow onto the land

<b>Area 4 (includes ASTs 16, 17, 19 &amp; 20)</b>		
Secondary Containment Capacity	2,085 ft <sup>3</sup>	15,595 gallons
Total volume of tanks within Area 4		49,024 gallons

The current containment unit can only hold ~32% of the material in the ASTs in area 4.  
The remaining 68% or ~33,429 gallons of material would overflow onto the land

<b>Area 5 (includes ASTs 14 &amp; 15)</b>		
Secondary Containment Capacity	2,053 ft <sup>3</sup>	15,354 gallons
Total volume of tanks within Area 5		52,580 gallons

The current containment unit can only hold ~29% of the material in the ASTs in area 5.  
The remaining 71% or ~37,226 gallons of material would overflow onto the land

<b>Area 6 (includes AST 18)</b>		
Secondary Containment Capacity	476 ft <sup>3</sup>	3,561 gallons
Total volume of tanks within Area 6		9,396 gallons

The current containment unit can only hold ~38% of the material in the ASTs in area 4.  
The remaining 62% or ~5,835 gallons of material would overflow onto the land

<b>Overall (Total)</b>		
Secondary Containment Capacity		124,040 gallons
Total volume of all tanks		469,970 gallons

Only ~26% can be contained. The remainder, ~74% or 345,930 gallons would be released on to the earth.

**Notes:**

- ft - Foot
- ft<sup>3</sup> - Cubic feet
- ~ - Approximately
- AST - Above ground storage tank
- % - Percent

**TABLE 3**  
**SUMMARY OF SURFACE SOIL SAMPLE LOCATIONS**  
**NATIONAL PETROLEUM PACKERS**

Sample ID	Latitude	Longitude	Date Sampled	FID (ppm)	Description
NPP-SS-01	35.08517	-80.67803	8/27/2007	23.4	Up gradient of Glycol Processor
NPP-SS-02	35.08516	-80.67814	8/27/2007	--	Muck in containment unit
NPP-SS-03	35.08513	-80.67829	8/27/2007	28.3	North of glycol processor
NPP-SS-04	35.08502	-80.67836	8/27/2007	10.9	South of glycol processor
NPP-SS-05	35.08487	-80.67848	8/27/2007	6.1	Outside secondary containment
NPP-SS-06	35.08478	-80.67872	8/27/2007	22.7	South of Tank 17
NPP-SS-07	35.08474	-80.67875	8/27/2007	22.7	Under semi trailer 3
NPP-SS-08	35.08464	-80.67873	8/27/2007	2.3	Near semi trailer/ loading
NPP-SS-09	35.08446	-80.67848	8/27/2007	4.1	In drainage swale
NPP-SS-10	35.08483	-80.67828	8/27/2007	10.8	Stained soil

**Notes:**

-- - No reading collected  
FID - Flame ionization detector  
NPP - National Petroleum Packers  
ppm - Parts per million  
SS - Surface Soil

**TABLE 4**  
**SUMMARY OF SUBSURFACE SOIL SAMPLE LOCATIONS**  
**NATIONAL PETROLEUM PACKERS**

Sample ID	Sample Depth (ft bgs)	Latitude	Longitude	Date Sampled	PID (ppm)
NPP-SB01	3-4	35.085	-80.6783	7/11/2007	31.6
NPP-SB01 (8-9)	8-9	35.085	-80.6783	7/11/2007	--
NPP-SB02 (3-4)	3-4	35.085	-80.6783	7/11/2007	42.8
NPP-SB02 (8-9)	8-9	35.085	-80.6783	7/11/2007	10.7
NPP-SB03 (1.5-2.5)	1.5-2.5	35.08472	-80.67862	7/11/2007	21
NPP-SB03 (7-8)	7-8	35.08472	-80.67862	7/11/2007	7.4
NPP-SB04 (6-7)	6-7	35.08447	-80.67847	7/11/2007	--
NPP-SB05 (5-6)	5-6	35.08423	-80.67856	7/11/2007	--
NPP-SB06 (3.5-4.5)	3.5-4.5	35.0851	-80.6783	7/11/2007	7.4
NPP-SB06 (9-10)	9-10	35.0851	-80.6783	7/11/2007	30
NPP-SB07 (3-4)	3-4	35.08505	-80.67835	8/28/2007	--

**Notes:**

-- - No reading collected  
bgs - Below ground surface  
ft - Feet  
NPP - National Petroleum Packers  
PID - Photo ionization detector  
ppm - Parts per million  
SB - Subsurface Soil

**TABLE 5**  
**SUMMARY OF ANALYTICAL RESULTS FOR DRUM WASTE SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	Minimum Detected Result	Maximum Detected Result	Number of Detected Samples	Percent Detected	Maximum Concentration Sample
<b>Metals, Total (mg/kg)</b>					
Aluminum	2.14	114	49	25.1%	NPP D27
Antimony	0.218	758	131	67.2%	NPP D178
Arsenic	0.486	11	76	39.0%	NPP D172
Barium	0.166	350	55	28.2%	NPP D69
Cadmium	0.0501	0.659	38	19.5%	NPP D248
Calcium	2.04	20200	162	83.1%	NPP D242
Chromium	0.171	6.39	70	35.9%	NPP D143
Cobalt	0.0448	6.26	30	15.4%	NPP D136
Copper	0.156	63.8	120	61.5%	NPP D212
Iron	0.673	7090	184	94.4%	NPP D137
Lead	0.364	6.31	36	18.5%	NPP D27
Magnesium	2.92	332	87	44.6%	NPP D216
Manganese	0.158	34.7	134	68.7%	NPP D117
Mercury	0.00202	0.0646	53	27.2%	NPP D54
Nickel	0.154	9.34	67	34.4%	NPP D134
Potassium	5	312000	163	83.6%	NPP D190
Selenium	0.509	4.19	115	59.0%	NPP D203
Sodium	9.18	282000	167	85.6%	NPP D278
Thallium	0.37	0.37	1	0.5%	NPP D16
Vanadium	0.159	0.488	18	9.2%	NPP D27
Zinc	0.319	456	149	76.4%	NPP D206
<b>Semivolatile Organic Compounds (ug/kg)</b>					
1-Methylnaphthalene	122000	40400000	4	2.1%	NPP D208
2,4-Dimethylphenol	13600	13600	1	0.5%	NPP-D26
2-Methylnaphthalene	45100	64200000	9	4.6%	NPP D208
4-Methylphenol	41500	149000	10	5.1%	NPP D255
Acenaphthene	370000	370000	1	0.5%	NPP D208
bis(2-ethylhexyl)phthalate	161000	161000	1	0.5%	NPP D200
Fluorene	471000	471000	1	0.5%	NPP D208
Naphthalene	65400	19500000	9	4.6%	NPP D208
Phenanthrene	54700	353000	11	5.6%	NPP D208
Phenol	53800	5590000	43	22.1%	NPP D36
Pyrene	58600	63100	2	1.0%	NPP D13
<b>Volatile Organic Compounds (ug/kg)</b>					
1,1,1-Trichloroethane	2030	2030	1	0.5%	NPP D12
1,2,4-Trichlorobenzene	369	759	4	2.1%	NPP D256
1,2,4-Trimethylbenzene	206	1460000	53	27.2%	NPP D1
1,2-Dichlorobenzene	208	23500	12	6.2%	NPP D256
1,2-Dichloroethane	477	121000	3	1.5%	NPP D11
1,3,5-Trimethylbenzene	163	288000	34	17.4%	NPP D1
2-Butanone	954	45300	39	20.0%	NPP D195
2-Hexanone	852	55400	10	5.1%	NPP D147
4-Isopropyltoluene	120	254000	25	12.8%	NPP D1
4-Methyl-2-pentanone	435	45300	26	13.3%	NPP D146
Acetone	926	377000	70	35.9%	NPP D2
Benzene	161	70100	34	17.4%	NPP D248

**TABLE 5**  
**SUMMARY OF ANALYTICAL RESULTS FOR DRUM WASTE SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	Minimum Detected Result	Maximum Detected Result	Number of Detected Samples	Percent Detected	Maximum Concentration Sample
Bromodichloromethane	584	584	1	0.5%	NPP D264
Chlorobenzene	312	312	1	0.5%	NPP D251
Chloromethane	1680	1680	1	0.5%	NPP D22
Ethylbenzene	166	2170000	47	24.1%	NPP D208
Isopropylbenzene (Cumene)	166	165000	25	12.8%	NPP D1
Methylene chloride	469	6750	6	3.1%	NPP D113
MTBE	180	3510	7	3.6%	NPP D242
Naphthalene	184	15200000	102	52.3%	NPP D208
n-Butylbenzene	98.1	406000	51	26.2%	NPP D1
n-Propylbenzene	115	287000	38	19.5%	NPP D1
o-Xylene	218	3410000	50	25.6%	NPP D208
p,m-Xylene	378	7890000	88	45.1%	NPP D208
sec-Butylbenzene	164	400000	18	9.2%	NPP D1
Styrene	624	1740	3	1.5%	NPP D22
tert-Butylbenzene	171	564	2	1.0%	NPP D261
Tetrachloroethene	903	2130	4	2.1%	NPP D12
Toluene	181	5060000	81	41.5%	NPP D208
Trichloroethene	382	885	3	1.5%	NPP D199

**Notes:**

D - Drum sample  
mg/kg - Milligrams per kilogram  
NPP - National Petroleum Packers  
ug/kg - Micrograms per kilogram

**TABLE 6**  
**SUMMARY OF ANALYTICAL RESULTS FOR AST WASTE SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	Minimum Detected Result	Maximum Detected Result	Number of Detected Samples	Percent Detected	Maximum Concentration Sample
<b>Metals, Total (mg/kg)</b>					
Aluminum	2.17	50.6	11	44.0%	NPP-T-1
Antimony	0.393	2380	25	100.0%	NPP-T27
Arsenic	0.519	54.5	19	76.0%	NPP-T27
Barium	0.269	8.76	9	36.0%	NPP-T-1
Cadmium	0.0511	0.185	10	40.0%	NPP-T27
Calcium	3.45	644	25	100.0%	NPP-T-22
Chromium	0.157	5.38	18	72.0%	NPP-T27
Cobalt	0.0995	6.1	16	64.0%	NPP-T27
Copper	0.195	1680	21	84.0%	NPP-T20
Iron	6.38	10800	24	96.0%	NPP-T-27
Lead	0.393	38.4	14	56.0%	NPP-T-27
Magnesium	3.03	207	16	64.0%	NPP-T08
Manganese	0.195	64.4	19	76.0%	NPP-T-27
Mercury	0.00259	0.0528	14	56.0%	NPP-T-1
Nickel	0.215	12.2	21	84.0%	NPP-T27
Potassium	11.8	8920	25	100.0%	NPP-T-22
Selenium	0.58	3.46	24	96.0%	NPP-T10
Sodium	14.4	147000	24	96.0%	NPP-T-4
Vanadium	0.164	1.82	9	36.0%	NPP-T-4
Zinc	0.563	128	22	88.0%	NPP-T20
<b>Semivolatile Organic Compounds (ug/kg)</b>					
1-Methylnaphthalene	39100	162000	3	12.0%	NPP-T-7
2,4-Dimethylphenol	8270	24900	5	20.0%	NPP-T08
2-Methylnaphthalene	6020	252000	6	24.0%	NPP-T-7
2-Methylphenol (o-Cresol)	12200	47300	5	20.0%	NPP-T25
4-Chloro-3-methylphenol	9410	18600	4	16.0%	NPP-T17
4-Methylphenol	11900	69900	10	40.0%	NPP-T-27
Benzoic acid	3750000	3750000	1	4.0%	NPP-T13
bis(2-ethylhexyl)phthalate	42800	432000	2	8.0%	NPP-T26
Naphthalene	12100	62700	3	12.0%	NPP-T-7
N-Nitrosodiphenylamine	30300	39800	2	8.0%	NPP-T26
Phenol	18800	938000	21	84.0%	NPP-T25
<b>Volatile Organic Compounds (ug/kg)</b>					
1,2,4-Trichlorobenzene	332	332	1	4.0%	NPP-T-27
1,2,4-Trimethylbenzene	206	3770	8	32.0%	NPP-T-7
1,2-Dichlorobenzene	149	776	5	20.0%	NPP-T-27
1,3,5-Trimethylbenzene	366	1250	4	16.0%	NPP-T-7
2-Butanone	1240	4250	12	48.0%	NPP-T17
2-Hexanone	1140	1140	1	4.0%	NPP-T06
4-Isopropyltoluene	118	217	4	16.0%	NPP-T-7
4-Methyl-2-pentanone	534	1460	4	16.0%	NPP-T06
Acetone	834	30000	17	68.0%	NPP-T17
Benzene	78	78	1	4.0%	NPP-T27
Carbon disulfide	602	602	1	4.0%	NPP-T26
Ethylbenzene	218	2810	3	12.0%	NPP-T-7
Isopropylbenzene (Cumene)	163	2120	6	24.0%	NPP-T27

**TABLE 6**  
**SUMMARY OF ANALYTICAL RESULTS FOR AST WASTE SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	Minimum Detected Result	Maximum Detected Result	Number of Detected Samples	Percent Detected	Maximum Concentration Sample
Methylene chloride	330	330	1	4.0%	NPP-T-2
Naphthalene	214	27300	18	72.0%	NPP-T-7
n-Butylbenzene	104	1120	4	16.0%	NPP-T-7
n-Propylbenzene	73.8	206	5	20.0%	NPP-T-7
o-Xylene	373	4630	5	20.0%	NPP-T-7
p,m-Xylene	179	11200	9	36.0%	NPP-T-7
Toluene	248	7490	5	20.0%	NPP-T-7

**Notes:**

mg/kg - Milligrams per kilogram  
NPP - National Petroleum Packers  
T - AST sample  
ug/kg - Micrograms per kilogram



**TABLE 7**  
**SUMMARY OF ANALYTICAL RESULTS FOR TOTE WASTE SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	Minimum Detected Result	Maximum Detected Result	Number of Detected Samples	Percent Detected	Maximum Concentration Sample
<b>Metals, Total (mg/kg)</b>					
Aluminum	7.15	19	2	100.0%	NPP TOTE 2
Antimony	1	35.4	2	100.0%	NPP TOTE 2
Barium	1.03	31.6	2	100.0%	NPP TOTE 2
Calcium	23.5	95.9	2	100.0%	NPP TOTE 2
Chromium	0.468	0.824	2	100.0%	NPP TOTE 3
Cobalt	0.117	0.169	2	100.0%	NPP TOTE 3
Copper	1.82	2.76	2	100.0%	NPP TOTE 3
Iron	85.2	103	2	100.0%	NPP TOTE 3
Magnesium	8.68	13.3	2	100.0%	NPP TOTE 2
Manganese	1.02	33.4	2	100.0%	NPP TOTE 2
Mercury	0.0085	0.00898	2	100.0%	NPP TOTE 3
Nickel	0.621	6.35	2	100.0%	NPP TOTE 3
Potassium	69.7	270	2	100.0%	NPP TOTE 2
Selenium	0.861	1.32	2	100.0%	NPP TOTE 2
Sodium	846	2680	2	100.0%	NPP TOTE 3
Zinc	3.23	4	2	100.0%	NPP TOTE 3
<b>Semivolatile Organic Compounds (ug/kg)</b>					
Benzoic acid	4520000	4520000	1	50.0%	NPP TOTE 2
Phenol	130000	226000	2	100.0%	NPP TOTE 3
<b>Volatile Organic Compounds (ug/kg)</b>					
1,2,4-Trimethylbenzene	451	3620	2	100.0%	NPP TOTE 3
Ethylbenzene	235	235	1	50.0%	NPP TOTE 3
Naphthalene	409	1640	2	100.0%	NPP TOTE 3
n-Butylbenzene	186	468	2	100.0%	NPP TOTE 3
n-Propylbenzene	277	277	1	50.0%	NPP TOTE 3
o-Xylene	757	757	1	50.0%	NPP TOTE 3
p,m-Xylene	1340	1340	1	50.0%	NPP TOTE 3
Tetrachloroethene	359	359	1	50.0%	NPP TOTE 3
Toluene	542	718	2	100.0%	NPP TOTE 2

**Notes:**

mg/kg - Milligrams per kilogram  
NPP - National Petroleum Packers  
Tote - 300-gallon tote sample  
ug/kg - Micrograms per kilogram

**TABLE 8**  
**SUMMARY OF ANALYTICAL RESULTS FOR TANKER TRUCK WASTE SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	Minimum Detected Result	Maximum Detected Result	Number of Detected Samples	Percent Detected	Maximum Concentration Sample
<b>Metals, Total (mg/kg)</b>					
Aluminum	2.94	14.8	2	100.0%	NPP-TT-2
Antimony	223	1330	2	100.0%	NPP-TT-2
Arsenic	2.24	3.68	2	100.0%	NPP-TT-2
Barium	0.771	8.21	2	100.0%	NPP-TT-2
Cadmium	0.141	0.492	2	100.0%	NPP-TT-2
Calcium	92.9	138	2	100.0%	NPP-TT-2
Chromium	0.967	3.76	2	100.0%	NPP-TT-2
Cobalt	0.0611	0.349	2	100.0%	NPP-TT-2
Copper	1.97	2.57	2	100.0%	NPP-TT-2
Iron	173	206	2	100.0%	NPP-TT-3
Lead	0.589	0.589	1	50.0%	NPP-TT-2
Magnesium	6.87	33.1	2	100.0%	NPP-TT-2
Manganese	0.717	2.29	2	100.0%	NPP-TT-2
Nickel	1.05	1.13	2	100.0%	NPP-TT-2
Potassium	1080	3600	2	100.0%	NPP-TT-2
Selenium	2.36	2.88	2	100.0%	NPP-TT-3
Sodium	28900	62200	2	100.0%	NPP-TT-3
Vanadium	0.206	0.206	1	50.0%	NPP-TT-3
Zinc	1.45	22.5	2	100.0%	NPP-TT-2
<b>Semivolatile Organic Compounds (ug/kg)</b>					
2-Chlorophenol	24600	24600	1	50.0%	NPP-TT-3
4-Chloro-3-methylphenol	35100	35100	1	50.0%	NPP-TT-2
4-Methylphenol	25800	25800	1	50.0%	NPP-TT-2
Phenol	140000	168000	2	100.0%	NPP-TT-3
<b>Volatile Organic Compounds (ug/kg)</b>					
2-Butanone	1230	1230	1	50.0%	NPP-TT-2
Acetone	793	2160	2	100.0%	NPP-TT-2
Benzene	453	453	1	50.0%	NPP-TT-2
Naphthalene	440	440	1	50.0%	NPP-TT-2
p,m-Xylene	643	643	1	50.0%	NPP-TT-2

**Notes:**

mg/kg - Milligrams per kilogram  
NPP - National Petroleum Packers  
TT - Tanker truck  
ug/kg - Micrograms per kilogram

**TABLE 9**  
**SUMMARY OF ANALYTICAL RESULTS FOR SURFACE SOIL SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	Sample Identification							
	NPP-SS-01	NPP-SS-02	NPP-SS-03	NPP-SS-04	NPP-SS-05	NPP-SS-06	NPP-SS-07	NPP-SS-08
<b>Metals, Total (mg/kg)</b>								
Aluminum	5330	4980	12500	9340	7010	10300	9120	8580
Antimony	51.7	292	2.38 J	15.2	4.68	4.81	4.66	17.1
Arsenic	4.26	39.3	14.9	5.68	4.59	3.68	5.2	7.58
Barium	54.1	74.5	49	86.8	25.7	28	22.4	30.5
Beryllium	0.184 J	1.7 U	0.482 U	0.449 J	0.211 J	0.231 J	0.193 J	0.175 J
Cadmium	1.64	0.53 U	1.4 J	0.136 U	0.0758 J	0.13 J	0.262 J	0.254 J
Calcium	1500	6440	13000	8010	15000	9310	5610	4850
Chromium	20.7	142	27.2	32	14.1	17.7	13.1	21.2
Cobalt	3.33	13.2	15	14.4	5.5	6.86	7.8	8.24
Copper	70.8	1320	53.4	45.9	18.8	17.9	31	28.9
Iron	12900	251000	31100	41300	12600	15800	16800	17400
Lead	33.9	51.6	14.5	7.85	6.72	8.18	9.81	11
Magnesium	1150	818	6840	5840	2810	4080	3770	3340
Manganese	140	1200	679	535	260	453	447	470
Mercury	0.0516	0.163	0.0305	0.008 J	0.00436 J	0.00211 U	0.00465 J	0.00753 J
Nickel	10.3	92.6	35.5	29.6	12.3	14.6	13.7	17.6
Potassium	424	344	325	780	250	276	182	288
Selenium	0.384 U	17	1.51 U	1.36 U	0.32 U	1.5 U	1.55 U	1.49 U
Silver	0.123 U	1.7 U	0.482 U	0.434 U	0.102 U	0.0957 U	0.117 J	0.129 J
Sodium	110	294	54.1	82.6	109	995	91	109
Vanadium	17	20	21.6	34.9	12.2	15.3	14.2	15.2
Zinc	127	5620	301	116	38.6	37.8	55	44.9
<b>PCB (ug/kg)</b>								
NONE DETECTED								
<b>SVOC (ug/kg)</b>								
NONE DETECTED								

**TABLE 9**  
**SUMMARY OF ANALYTICAL RESULTS FOR SURFACE SOIL SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	Sample Identification							
	NPP-SS-01	NPP-SS-02	NPP-SS-03	NPP-SS-04	NPP-SS-05	NPP-SS-06	NPP-SS-07	NPP-SS-08
<b>VOC (ug/kg)</b>								
1,1-Dichloroethene	2 U	<b>224 J</b>	2 U	1.9 U	1.9 U	1.7 U	1.8 U	1.9 U
Acetone	10.2 U	<b>5590</b>	<b>3740</b>	<b>6.9 J</b>	9.4 U	<b>6.8 J</b>	8.8 U	9.4 U
Benzene	2 U	<b>282 J</b>	2 U	1.9 U	1.9 U	1.7 U	1.8 U	1.9 U
Ethylbenzene	2 U	<b>771</b>	2 U	1.9 U	1.9 U	1.7 U	1.8 U	1.9 U
p,m-Xylene	4.1 U	<b>1630</b>	4 U	3.8 U	3.8 U	3.5 U	3.5 U	3.8 U
Toluene	2 U	<b>6360</b>	2 U	1.9 U	1.9 U	1.7 U	1.8 U	1.9 U
Trichlorofluoromethane	2 U	686 U	2 U	1.9 U	1.9 U	<b>6</b>	<b>1.6 J</b>	1.9 U

**Notes:**

Bold - Values were detected above the sample quantitation limit.

J - Value is estimated

mg/kg - Milligrams per kilogram

NPP - National Petroleum Packers

PCB - Polychlorinated Biphenyls

SS - Surface Soil

SVOC - Semivolatile Organic Compounds

U - Analyte was not detected above the sample quantitation limit.

ug/kg - Micrograms per kilogram

VOC - Volatile Organic Compounds

**TABLE 9**  
**SUMMARY OF ANALYTICAL RESULTS FOR SURFACE SOIL SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	NPP-SS-09	NPP-SS-10
<b>Metals, Total (mg/kg)</b>		
Aluminum	8000	12400
Antimony	5.3	15.1
Arsenic	2.92	4.7
Barium	40.8	158
Beryllium	0.216 J	0.405 J
Cadmium	0.173 J	0.615 J
Calcium	6930	7400
Chromium	12.1	36.9
Cobalt	6.85	12.6
Copper	36.6	45
Iron	19400	26300
Lead	6.11	27
Magnesium	3460	6370
Manganese	333	848
Mercury	0.015 J	0.0315
Nickel	14.2	29.6
Potassium	508	386
Selenium	1.4 U	2.35 U
Silver	0.0893 U	0.376 U
Sodium	222	166
Vanadium	21.1	28.1
Zinc	39.7	179
<b>PCB (ug/kg)</b>		
NONE DETECTED		
<b>SVOC (ug/kg)</b>		
NONE DETECTED		

**TABLE 9**  
**SUMMARY OF ANALYTICAL RESULTS FOR SURFACE SOIL SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	NPP-SS-09	NPP-SS-10
<b>VOC (ug/kg)</b>		
1,1-Dichloroethene	1.6 U	247 U
Acetone	8.1 U	<b>2340</b>
Benzene	1.6 U	247 U
Ethylbenzene	1.6 U	247 U
p,m-Xylene	3.2 U	494 U
Toluene	1.6 U	247 U
Trichlorofluoromethane	1.6 U	247 U

**Notes:**

Bold - Values were detected above the sample quantitation limit.  
 J - Value is estimated  
 mg/kg - Milligrams per kilogram  
 NPP - National Petroleum Packers  
 PCB - Polychlorinated Biphenyls  
 SS - Surface Soil  
 SVOC - Semivolatile Organic Compounds  
 U - Analyte was not detected above the sample quantitation limit.  
 ug/kg - Micrograms per kilogram  
 VOC - Volatile Organic Compounds

**TABLE 10**  
**SUMMARY OF ANALYTICAL RESULTS FOR SUBSURFACE SOIL SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	Sample Identification							
	NPP-SB01	NPP-SB01 (8-9)	NPP-SB02 (3-4)	NPP-SB02 (8-9)	NPP-SB03 (7-8)	NPP-SB03 (1.5-2.5)	NPP-SB04 (6-7)	NPP-SB05 (5-6)
Metals, Total (mg/kg)								
Aluminum	11900	11800	4990	3860	4500	3400	10600	6920
Antimony	0.226 UJ	0.213 UJ	0.232 UJ	0.237 UJ	0.225 UJ	0.252 J	0.22 UJ	0.338 J
Arsenic	2.68	1.42	1.39	1.41	2.1	1.27	3.91	4.04
Barium	19.9	21.5	17.3	27.3	12.2	16.2	26.8	114
Beryllium	0.158 U	0.148 U	0.162 U	0.68	0.231 J	0.137 U	0.934	1.01
Cadmium	0.107 J	0.0504 J	0.0505 U	0.0515 U	0.149 J	0.17 J	0.73	0.66
Calcium	49.2	199	99	445	348	958	20	862
Chromium	4.1	1.74	1.58	0.696	2.16	3.23	4.9	0.958
Cobalt	0.0703 J	0.321 J	0.135 J	14.7	0.876	2.74	1.94	10.3
Copper	1.24	0.906	0.952	3	2.42	1.94	6.51	9.23
Iron	6910	2750	3030	6140	7390	4380	33900	26200
Lead	4.77	4.23	2.92	4.5	1.99	2.55	1.3	0.321 U
Magnesium	113	139	89	112	108	2720	654	2590
Manganese	2.46	6.74	5	242	19.3	53.5	74.5	186
Mercury	0.0157	0.00899 J	0.00192 U	0.00225 U	0.00223 U	0.0135 J	0.00549 J	0.00218 U
Nickel	0.359 J	0.6	0.176 J	0.296 J	0.517	9.48	0.717	1.07
Potassium	186	189	97.7	162	230	147	120	56.6
Selenium	0.545 J	0.464 U	0.505 U	0.556 J	1.28	0.428 U	1.96	0.545 J
Sodium	16.4 J	22.1 J	21.2 J	23.8 J	73.1	129	46.3	662
Thallium	0.325 U	0.306 U	0.333 U	0.34 U	0.323 U	0.471 J	0.315 U	0.311 U
Vanadium	9.99	4.57	3.77	1.41	3.57	4.71	60.6	17.2
Zinc	0.9 J	2.56	0.392 J	1.63	0.886 J	4.03	5.82	17.3
PCB (ug/kg)								
NONE DETECTED								
SVOC (ug/kg)								
bis(2-ethylhexyl)phthalate	229 U	42.6 J	242 U	226 U	232 U	211 U	244 U	233 U

**TABLE 10**  
**SUMMARY OF ANALYTICAL RESULTS FOR SUBSURFACE SOIL SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	Sample Identification							
	NPP-SB01	NPP-SB01 (8-9)	NPP-SB02 (3-4)	NPP-SB02 (8-9)	NPP-SB03 (7-8)	NPP-SB03 (1.5-2.5)	NPP-SB04 (6-7)	NPP-SB05 (5-6)
<b>VOC (ug/kg)</b>								
Acetone	<b>12.6</b>	<b>25.1</b>	<b>10.9 J</b>	<b>5.6 J</b>	<b>6.3 J</b>	9.8 U	<b>8.6 J</b>	<b>6.4 J</b>

**Notes:**

- Bold - Values were detected above the sample quantitation limit.
- J - Value is estimated
- mg/kg - Milligrams per kilogram
- NPP - National Petroleum Packers
- PCB - Polychlorinated Biphenyls
- SB - Subsurface Soil
- SVOC - Semivolatile Organic Compounds
- U - Analyte was not detected above the sample quantitation limit.
- ug/kg - Micrograms per kilogram
- VOC - Volatile Organic Compounds



**TABLE 10**  
**SUMMARY OF ANALYTICAL RESULTS FOR SUBSURFACE SOIL SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	NPP-SB06 (9-10)	NPP-SB07 (3-4)	NPP-SB06 (3.5-4.5)
<b>Metals, Total (mg/kg)</b>			
Aluminum	11200	4930	4290
Antimony	0.293 J	0.465 J	0.194 UJ
Arsenic	1.18	2.34	1.66
Barium	22.2	15.9	9.68
Beryllium	0.137 U	0.178 U	0.135 U
Cadmium	0.232 J	0.0742 J	0.132 J
Calcium	2320	293	412
Chromium	4.23	2.74	3.71
Cobalt	2.55	0.356 J	0.214 J
Copper	4.43	1.37	1.18
Iron	4440	3850	5400
Lead	4.21	1.97	1.97
Magnesium	1540	219	150
Manganese	41	16.8	8.46
Mercury	0.0139 J	0.00208 U	0.00987 J
Nickel	8.09	0.984	0.659
Potassium	212	111	247
Selenium	0.428 U	0.556 U	0.421 U
Sodium	419	23 J	44.4
Thallium	0.282 U	0.367 U	0.278 U
Vanadium	6.16	4.84	10.7
Zinc	17	1.66	2.07
<b>PCB (ug/kg)</b>			
NONE DETECTED			
<b>SVOC (ug/kg)</b>			
bis(2-ethylhexyl)phthalate	244 U	226 U	212 U

**TABLE 10**  
**SUMMARY OF ANALYTICAL RESULTS FOR SUBSURFACE SOIL SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	NPP-SB06 (9-10)	NPP-SB07 (3-4)	NPP-SB06 (3.5-4.5)
<b>VOC (ug/kg)</b>			
Acetone	<b>18.7</b>	<b>7 J</b>	<b>12.4</b>

**Notes:**

Bold - Values were detected above the sample quantitation limit.  
J - Value is estimated  
mg/kg - Milligrams per kilogram  
NPP - National Petroleum Packers  
PCB - Polychlorinated Biphenyls  
SB - Subsurface Soil  
SVOC - Semivolatile Organic Compounds  
U - Analyte was not detected above the sample quantitation limit.  
ug/kg - Micrograms per kilogram  
VOC - Volatile Organic Compounds

**TABLE 11**  
**SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES**  
**NATIONAL PETROLEUM PACKERS**

	Sample Identification	
	NPP-MW-01	NPP-MW-01-DUP
<b>Metals, Total (ug/L)</b>		
Aluminum	<b>2880</b>	<b>3080</b>
Antimony	<b>22.5</b>	<b>26</b>
Arsenic	<b>6.95 J</b>	4.3 U
Barium	<b>62.9</b>	<b>65.3</b>
Beryllium	<b>0.188 J</b>	<b>0.26 J</b>
Cadmium	<b>2.74 J</b>	<b>2.26 J</b>
Calcium	<b>63800</b>	<b>64400</b>
Chromium	<b>0.497 J</b>	<b>3.35 J</b>
Cobalt	<b>6.46 J</b>	<b>6.5 J</b>
Copper	<b>18.9</b>	<b>16.1</b>
Iron	<b>14900</b>	<b>14500</b>
Lead	<b>10.7 J</b>	<b>12.8 J</b>
Magnesium	<b>5230</b>	<b>5230</b>
Manganese	<b>257</b>	<b>255</b>
Nickel	<b>4.64 J</b>	<b>4.2 J</b>
Potassium	<b>3670</b>	<b>3690</b>
Sodium	<b>22400</b>	<b>22500</b>
Vanadium	<b>3.21 J</b>	<b>3.49 J</b>
Zinc	<b>5.64 J</b>	<b>6.8 J</b>
<b>PCB (ug/L)</b>		
NONE DETECTED		
<b>SVOC (ug/L)</b>		
NONE DETECTED		
<b>VOC (ug/L)</b>		
Acetone	<b>25.8</b>	<b>16.6</b>
Carbon disulfide	<b>1.5</b>	<b>1.1</b>

**Notes:**

- Bold - Values were detected above the sample quantitation limit.
- DUP - Duplicate sample
- J - Value is estimated
- MW - Monitoring Well
- NPP - National Petroleum Packers
- PCB - Polychlorinated Biphenyls
- SVOC - Semivolatile Organic Compounds
- U - Analyte was not detected above the sample quantitation limit.
- ug/L - Micrograms per liter
- VOC - Volatile Organic Compounds