



Braun Intertec Corporation
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Ms. Tonya Balla
Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

April 03, 2008

Work Order #: 0801412

RE: Kens Metal Finishing Site

Dear Tonya Balla:

Braun Intertec Corporation received samples for the project identified above on March 20, 2008. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Thomas P. Wagner
Associate Principal



Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117

Wisconsin DNR: 999462640

NVLAP: 101234-0

AIHA: 101103

Providing engineering and environmental solutions since 1957

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a “story” about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini “case narrative” that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each “cooler” is identified and the conditions associated with that cooler are documented. A “cooler” is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be “Total Petroleum Hydrocarbons.” Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an “M” (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word “dry” will appear next to the units. If the word “dry” does not appear then the result is “as received.”

The Method Reporting Limit (MRL) is provided. It is important to understand this term. The MRL is a level that has been empirically verified to provide reliable quantification of results. Results that are equal to or greater than this value will show up as bolded. They are considered “hits.” If a result is less than the MRL, the result is given as less than the MRL (e.g. if the MRL = 10 then a less than would be given as “< 10”).

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relevant to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Z1	>140
vn	The surrogate recovery is below the laboratory generated control limits.
vm	The surrogate recovery is above the laboratory generated control limits.
vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ve	The method reporting limits (MRLs) are elevated due to adjustments of the sample preparation amounts. This was necessary because of the sample matrix.
sur	One or more surrogate recoveries reported with this sample analysis are outside of the laboratory control limits.
sk	The surrogate recovery is outside of laboratory control limits due to matrix interference.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
R-01	The Method Reporting Limit for this analyte has been raised to account for matrix interference.
qn	The spike recovery is outside of laboratory control limits for the matrix spike (MS) and/or the matrix spike duplicate (MSD).
gp	The relative percent difference (RPD) for the laboratory control sample and laboratory control sample duplicate is outside of laboratory control limits.
go	The laboratory control sample recovery is outside of laboratory control limits.
gh	The sample was received past the 15-minute EPA specified holding time.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound



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Case Narrative

Sample KMF - SM24 (0801412-07) was analyzed for TCLP BNA's instead of the requested Total BNA's due to the reactivity of the sample with acetone during the BNA extraction. Flashpoint analysis was also added to this sample per the client.

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SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
KMF - SM33	0801412-01	Liquid	03/20/08 11:40	03/20/08 16:20
KMF - DM26	0801412-02	Liquid	03/20/08 11:46	03/20/08 16:20
KMF - V32	0801412-03	Liquid	03/20/08 11:55	03/20/08 16:20
KMF - DM23	0801412-04	Solid	03/20/08 12:05	03/20/08 16:20
KMF - DM20	0801412-05	Solid	03/20/08 12:12	03/20/08 16:20
KMF - DM40	0801412-06	Solid	03/20/08 12:15	03/20/08 16:20
KMF - SM24	0801412-07	Solid	03/20/08 12:20	03/20/08 16:20
KMF - V27	0801412-08	Liquid	03/20/08 12:24	03/20/08 16:20
KMF - V3	0801412-09	Liquid	03/20/08 12:30	03/20/08 16:20
KMF - V1	0801412-10	Liquid	03/20/08 12:35	03/20/08 16:20
KMF - SM32	0801412-11	Oil	03/20/08 12:40	03/20/08 16:20
KMF - DM23D	0801412-12	Solid	03/20/08 14:54	03/20/08 16:20
KMF - S1	0801412-13	Solid	03/20/08 14:50	03/20/08 16:20
KMF - S2	0801412-14	Solid	03/20/08 15:00	03/20/08 16:20

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Conditions Upon Receipt

Cooler: Cooler 1

Temperature: 5.2 °C	Received on Ice: Yes	Preservation Confirmed: No
COC Included: Yes	Hand Delivered by Sampler: Yes	Temperature Blank: Yes
Custody Seals Used: No	Sufficient Sample Provided: Yes	COC Complete: Yes
Custody Seals Intact: No	Headspace Present (VOC): No	COC & Labels Agree: Yes

Cooler: Cooler 2

Temperature: 0.4 °C	Received on Ice: Yes	Preservation Confirmed: No
COC Included: Yes	Hand Delivered by Sampler: Yes	Temperature Blank: Yes
Custody Seals Used: No	Sufficient Sample Provided: Yes	COC Complete: Yes
Custody Seals Intact: No	Headspace Present (VOC): No	COC & Labels Agree: Yes

Cooler: Cooler 3

Temperature: 1.6 °C	Received on Ice: Yes	Preservation Confirmed: No
COC Included: Yes	Hand Delivered by Sampler: Yes	Temperature Blank: Yes
Custody Seals Used: No	Sufficient Sample Provided: Yes	COC Complete: Yes
Custody Seals Intact: No	Headspace Present (VOC): No	COC & Labels Agree: Yes

Cooler: Cooler 4

Temperature: 0.2 °C	Received on Ice: Yes	Preservation Confirmed: No
COC Included: Yes	Hand Delivered by Sampler: Yes	Temperature Blank: Yes
Custody Seals Used: No	Sufficient Sample Provided: Yes	COC Complete: Yes
Custody Seals Intact: No	Headspace Present (VOC): No	COC & Labels Agree: Yes

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KMF - SM33
0801412-01 (Liquid)
3/20/08 11:40

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	0.0	0.0	pH Units	1	B8C0339	3/21/08	3/24/08	EPA 9040B	gh

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 5.0	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Barium	< 25	25	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Cadmium	17	1.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Chromium	11000	500	mg/L	500	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Lead	< 5.0	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Selenium	< 1.0	1.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Silver	< 5.0	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Mercury	< 0.0016	0.0016	mg/L	1	B8C0377	3/24/08	3/25/08	EPA 7470A	

Semivolatile Organic Compounds

ve, sur

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Diphenylhydrazine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,3-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,4-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,5-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,6-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dichlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
2,4-Dimethylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dinitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, qn
2,4-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
2,6-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp, go
2-Chloronaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Chlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylnaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
2-Nitrophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3,3-Dichlorobenzidine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
3-/4-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go

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KMF - SM33
0801412-01 (Liquid)
3/20/08 11:40

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4,6-Dinitro-2-methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
4-Bromophenyl phenyl ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloro-3-methylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
4-Chlorophenyl phenyl ether	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go
4-Nitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Acenaphthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Acenaphthylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Aniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benz(a)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(a)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(b)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(g,h,i)perylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(k)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Benzyl alcohol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
bis(2-Chloroethoxy)methane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Chloroethyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Butyl benzyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Carbazole	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Chrysene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenz(a,h)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenzofuran	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Diethylphthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Dimethyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
Di-n-butyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Di-n-octyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluorene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Hexachlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorobutadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorocyclopentadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachloroethane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	

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KMF - SM33
0801412-01 (Liquid)
3/20/08 11:40

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Indeno(1,2,3-cd)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Isophorone	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Naphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Nitrobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodimethylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodiphenylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Pentachlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Phenanthrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Phenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Pyridine	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Surrogate: 2,4,6-Tribromophenol	84.2 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	84.8 %	Limits: 59-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorophenol	81.8 %	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	vm
Surrogate: Nitrobenzene-d5	67.2 %	Limits: 57-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: Phenol-d6	75.6 %	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	vm
Surrogate: Terphenyl-d14	84.4 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	

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KMF - DM26
0801412-02 (Liquid)
3/20/08 11:46

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	11.0	0.0	pH Units	1	B8C0339	3/21/08	3/21/08	EPA 9040B	gh

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 5.0	5.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Barium	< 25	25	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Cadmium	1.1	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Chromium	5.9	5.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Lead	< 5.0	5.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Selenium	3.1	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Silver	< 5.0	5.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Mercury	< 0.0020	0.0020	mg/L	1	B8C0448	3/27/08	3/28/08	EPA 7470A	

Semivolatile Organic Compounds

sur, ve

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Diphenylhydrazine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,3-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,4-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,5-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,6-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dichlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
2,4-Dimethylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dinitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, qn
2,4-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
2,6-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp, go
2-Chloronaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Chlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylnaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
2-Nitrophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3,3-Dichlorobenzidine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
3-/4-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM26
0801412-02 (Liquid)
3/20/08 11:46

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4,6-Dinitro-2-methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
4-Bromophenyl phenyl ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloro-3-methylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
4-Chlorophenyl phenyl ether	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go
4-Nitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Acenaphthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Acenaphthylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Aniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benz(a)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(a)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(b)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(g,h,i)perylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(k)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Benzyl alcohol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
bis(2-Chloroethoxy)methane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Chloroethyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Butyl benzyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Carbazole	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Chrysene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenz(a,h)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenzofuran	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Diethylphthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Dimethyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
Di-n-butyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Di-n-octyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluorene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Hexachlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorobutadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorocyclopentadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachloroethane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	

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Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM26
0801412-02 (Liquid)
3/20/08 11:46

Semivolatile Organic Compounds

sur, ve

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Indeno(1,2,3-cd)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Isophorone	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Naphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Nitrobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodimethylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodiphenylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Pentachlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Phenanthrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Phenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Pyridine	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Surrogate: 2,4,6-Tribromophenol	38.2 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	vn
Surrogate: 2-Fluorobiphenyl	74.0 %	Limits: 59-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorophenol	34.2 %	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: Nitrobenzene-d5	73.6 %	Limits: 57-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: Phenol-d6	69.4 %	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: Terphenyl-d14	72.4 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	

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Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - V32
0801412-03 (Liquid)
3/20/08 11:55

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Flashpoint	>140		°F	1	B8C0393	3/25/08	3/25/08	EPA 1010	
pH	9.0	0.0	pH Units	1	B8C0339	3/21/08	3/21/08	EPA 9040B	gh

Polychlorinated Biphenyls

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PCB 1016	< 1.1	1.1	ug/L	1	B8C0443	3/27/08	3/27/08	EPA 8082	
PCB 1221	< 1.1	1.1	ug/L	1	B8C0443	3/27/08	3/27/08	EPA 8082	
PCB 1232	< 1.1	1.1	ug/L	1	B8C0443	3/27/08	3/27/08	EPA 8082	
PCB 1242	< 1.1	1.1	ug/L	1	B8C0443	3/27/08	3/27/08	EPA 8082	
PCB 1248	< 1.1	1.1	ug/L	1	B8C0443	3/27/08	3/27/08	EPA 8082	
PCB 1254	< 1.1	1.1	ug/L	1	B8C0443	3/27/08	3/27/08	EPA 8082	
PCB 1260	< 1.1	1.1	ug/L	1	B8C0443	3/27/08	3/27/08	EPA 8082	
PCB 1268	< 1.1	1.1	ug/L	1	B8C0443	3/27/08	3/27/08	EPA 8082	
Surrogate: DBC	94.2 %	Limits: 50-120%			B8C0443	3/27/08	3/27/08	EPA 8082	
Surrogate: TCMX	85.6 %	Limits: 50-120%			B8C0443	3/27/08	3/27/08	EPA 8082	

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Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM23
0801412-04 (Solid)
3/20/08 12:05

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	1.2	0.0	pH Units	1	B8C0340	3/21/08	3/21/08	EPA 9045D	
% Solids	91	0.050	% Wt	1	B8C0354	3/24/08	3/24/08	EPA 3545 7.2	

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 5.0	5.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Barium	< 25	25	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Cadmium	< 1.0	1.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Chromium	4400	100	mg/L	1000	B8C0378	3/25/08	3/26/08	EPA 6010B	
Lead	< 5.0	5.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Selenium	< 1.0	1.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Silver	< 5.0	5.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Mercury	< 0.0016	0.0016	mg/L	1	B8C0377	3/24/08	3/25/08	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,2-Dichlorobenzene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,2-Diphenylhydrazine	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
1,3-Dichlorobenzene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,4-Dichlorobenzene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4,5-Trichlorophenol	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4,6-Trichlorophenol	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4-Dichlorophenol	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2,4-Dimethylphenol	< 0.94	0.94	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2,4-Dinitrophenol	< 0.94	0.94	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	go, gp
2,4-Dinitrotoluene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,6-Dinitrotoluene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Chloronaphthalene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Chlorophenol	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Methylnaphthalene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Methylphenol	< 0.94	0.94	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Nitroaniline	< 1.8	1.8	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Nitrophenol	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
3,3-Dichlorobenzidine	< 1.8	1.8	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
3-/4-Methylphenol	< 0.94	0.94	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM23
0801412-04 (Solid)
3/20/08 12:05

Semivolatile Organic Compounds

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Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3-Nitroaniline	< 0.94	0.94	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4,6-Dinitro-2-methylphenol	< 0.94	0.94	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Bromophenyl phenyl ether	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chloro-3-methylphenol	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chloroaniline	< 0.94	0.94	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chlorophenyl phenyl ether	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Nitroaniline	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Nitrophenol	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	go
Acenaphthene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Acenaphthylene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Aniline	< 0.94	0.94	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Anthracene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benz(a)anthracene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(a)pyrene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(b)fluoranthene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(g,h,i)perylene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(k)fluoranthene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzyl alcohol	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
bis(2-Chloroethoxy)methane	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Bis(2-Chloroethyl)ether	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Bis(2-Ethylhexyl)phthalate	< 1.8	1.8	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Butyl benzyl phthalate	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Carbazole	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Chrysene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dibenz(a,h)anthracene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dibenzofuran	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Diethylphthalate	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dimethyl phthalate	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Di-n-butyl phthalate	< 1.8	1.8	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Di-n-octyl phthalate	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Fluoranthene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Fluorene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Hexachlorobenzene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Hexachlorobutadiene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Hexachlorocyclopentadiene	< 0.92	0.92	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp

Weston Solutions, Inc.
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Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM23
0801412-04 (Solid)
3/20/08 12:05

Semivolatile Organic Compounds

vfa, sur

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexachloroethane	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Indeno(1,2,3-cd)pyrene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Isophorone	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Naphthalene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Nitrobenzene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
N-Nitrosodimethylamine	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
N-Nitrosodiphenylamine	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pentachlorophenol	< 0.94	0.94	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Phenanthrene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Phenol	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pyrene	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pyridine	< 0.37	0.37	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	0.897 %	Limits: 30-150%			B8C0357	3/24/08	4/1/08	EPA 8270C	sk
Surrogate: 2-Fluorobiphenyl	41.8 %	Limits: 30-104%			B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorophenol	%	Limits: 30-106%			B8C0357	3/24/08	4/1/08	EPA 8270C	sk
Surrogate: Nitrobenzene-d5	36.6 %	Limits: 30-90%			B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: Phenol-d6	%	Limits: 30-102%			B8C0357	3/24/08	4/1/08	EPA 8270C	sk
Surrogate: Terphenyl-d14	32.6 %	Limits: 30-115%			B8C0357	3/24/08	4/1/08	EPA 8270C	

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Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM20
0801412-05 (Solid)
3/20/08 12:12

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	9.8	0.0	pH Units	1	B8C0340	3/21/08	3/21/08	EPA 9045D	
% Solids	75	0.050	% Wt	1	B8C0354	3/24/08	3/24/08	EPA 3545 7.2	

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Barium	< 5.0	5.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Cadmium	< 0.20	0.20	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Chromium	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Lead	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Selenium	< 0.20	0.20	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Silver	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Mercury	< 0.0020	0.0020	mg/L	1	B8C0448	3/27/08	3/28/08	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
1,2-Dichlorobenzene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
1,2-Diphenylhydrazine	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
1,3-Dichlorobenzene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
1,4-Dichlorobenzene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
2,4,5-Trichlorophenol	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
2,4,6-Trichlorophenol	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
2,4-Dichlorophenol	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
2,4-Dimethylphenol	< 0.23	0.23	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
2,4-Dinitrophenol	< 0.23	0.23	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	go, gp
2,4-Dinitrotoluene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
2,6-Dinitrotoluene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
2-Chloronaphthalene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
2-Chlorophenol	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
2-Methylnaphthalene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
2-Methylphenol	< 0.23	0.23	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
2-Nitroaniline	< 0.44	0.44	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
2-Nitrophenol	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
3,3-Dichlorobenzidine	< 0.44	0.44	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
3-/4-Methylphenol	< 0.23	0.23	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	

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PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM20
0801412-05 (Solid)
3/20/08 12:12

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3-Nitroaniline	< 0.23	0.23	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
4,6-Dinitro-2-methylphenol	< 0.23	0.23	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
4-Bromophenyl phenyl ether	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
4-Chloro-3-methylphenol	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
4-Chloroaniline	< 0.23	0.23	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
4-Chlorophenyl phenyl ether	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
4-Nitroaniline	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
4-Nitrophenol	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	go
Acenaphthene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Acenaphthylene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Aniline	< 0.23	0.23	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Anthracene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Benz(a)anthracene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Benzo(a)pyrene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Benzo(b)fluoranthene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Benzo(g,h,i)perylene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Benzo(k)fluoranthene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Benzyl alcohol	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
bis(2-Chloroethoxy)methane	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
Bis(2-Chloroethyl)ether	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
Bis(2-Ethylhexyl)phthalate	< 0.44	0.44	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Butyl benzyl phthalate	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Carbazole	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Chrysene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Dibenz(a,h)anthracene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Dibenzofuran	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Diethylphthalate	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Dimethyl phthalate	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Di-n-butyl phthalate	< 0.44	0.44	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Di-n-octyl phthalate	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Fluoranthene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Fluorene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Hexachlorobenzene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Hexachlorobutadiene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
Hexachlorocyclopentadiene	< 0.22	0.22	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp

Weston Solutions, Inc.
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Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM20
0801412-05 (Solid)
3/20/08 12:12

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexachloroethane	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
Indeno(1,2,3-cd)pyrene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Isophorone	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
Naphthalene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
Nitrobenzene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
N-Nitrosodimethylamine	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	gp
N-Nitrosodiphenylamine	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Pentachlorophenol	< 0.23	0.23	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Phenanthrene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Phenol	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Pyrene	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Pyridine	< 0.089	0.089	mg/kg dry	1	B8C0357	3/24/08	3/31/08	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	55.9 %	Limits: 30-150%			B8C0357	3/24/08	3/31/08	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	43.3 %	Limits: 30-104%			B8C0357	3/24/08	3/31/08	EPA 8270C	
Surrogate: 2-Fluorophenol	48.6 %	Limits: 30-106%			B8C0357	3/24/08	3/31/08	EPA 8270C	
Surrogate: Nitrobenzene-d5	47.3 %	Limits: 30-90%			B8C0357	3/24/08	3/31/08	EPA 8270C	
Surrogate: Phenol-d6	47.7 %	Limits: 30-102%			B8C0357	3/24/08	3/31/08	EPA 8270C	
Surrogate: Terphenyl-d14	51.3 %	Limits: 30-115%			B8C0357	3/24/08	3/31/08	EPA 8270C	

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Client Ref: Kens Metal Finishing Site
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PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM40
0801412-06 (Solid)
3/20/08 12:15

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	0.0	0.0	pH Units	1	B8C0339	3/21/08	3/21/08	EPA 9040B	gh

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	56	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Barium	< 25	25	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Cadmium	33	1.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Chromium	< 5.0	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Lead	65	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Selenium	< 1.0	1.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Silver	< 5.0	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Mercury	0.0018	0.0016	mg/L	1	B8C0377	3/24/08	3/25/08	EPA 7470A	

Semivolatile Organic Compounds

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Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Diphenylhydrazine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,3-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,4-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,5-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,6-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dichlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
2,4-Dimethylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dinitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, qn
2,4-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
2,6-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp, go
2-Chloronaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Chlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylnaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
2-Nitrophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3,3-Dichlorobenzidine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
3-/4-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go

Weston Solutions, Inc.
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Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM40
0801412-06 (Solid)
3/20/08 12:15

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4,6-Dinitro-2-methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
4-Bromophenyl phenyl ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloro-3-methylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
4-Chlorophenyl phenyl ether	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, qn
4-Nitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Acenaphthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Acenaphthylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Aniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benz(a)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(a)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(b)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(g,h,i)perylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(k)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Benzyl alcohol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
bis(2-Chloroethoxy)methane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Chloroethyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Butyl benzyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Carbazole	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Chrysene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenz(a,h)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenzofuran	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Diethylphthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Dimethyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
Di-n-butyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Di-n-octyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluorene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Hexachlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorobutadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorocyclopentadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachloroethane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM40
0801412-06 (Solid)
3/20/08 12:15

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Indeno(1,2,3-cd)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Isophorone	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Naphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Nitrobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodimethylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodiphenylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Pentachlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Phenanthrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Phenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Pyridine	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Surrogate: 2,4,6-Tribromophenol	65.2 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	78.0 %	Limits: 59-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorophenol	82.4 %	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	vm
Surrogate: Nitrobenzene-d5	78.4 %	Limits: 57-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: Phenol-d6	73.4 %	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: Terphenyl-d14	79.2 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - SM24
0801412-07 (Solid)
3/20/08 12:20

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Flashpoint	>140		°F	1	B8C0394	3/25/08	3/25/08	EPA 1010	
pH	0.0	0.0	pH Units	1	B8C0340	3/21/08	3/21/08	EPA 9045D	
% Solids	96	0.050	% Wt	1	B8C0354	3/24/08	3/24/08	EPA 3545 7.2	

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 5.0	5.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Barium	940	250	mg/L	500	B8C0378	3/25/08	3/26/08	EPA 6010B	
Cadmium	< 1.0	1.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Chromium	25000	500	mg/L	5000	B8C0378	3/25/08	3/26/08	EPA 6010B	
Lead	< 5.0	5.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Selenium	< 1.0	1.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Silver	< 5.0	5.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Mercury	< 0.0016	0.0016	mg/L	1	B8C0377	3/24/08	3/25/08	EPA 7470A	

Toxicity Characteristic Leaching Procedure (TCLP) - Semivolatiles

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,4-Dichlorobenzene	< 0.050	0.050	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
2,4,5-Trichlorophenol	< 0.050	0.050	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
2,4,6-Trichlorophenol	< 0.050	0.050	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
2,4-Dinitrotoluene	< 0.050	0.050	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
2-Methylphenol	< 0.10	0.10	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
3-/4-Methylphenol	< 0.10	0.10	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
Hexachlorobenzene	< 0.050	0.050	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
Hexachlorobutadiene	< 0.050	0.050	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
Hexachloroethane	< 0.050	0.050	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
Nitrobenzene	< 0.050	0.050	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
Pentachlorophenol	< 0.050	0.050	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
Pyridine	< 0.10	0.10	mg/L	1	B8C0409	3/26/08	3/28/08	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	72.2 %	Limits: 65-100%			B8C0409	3/26/08	3/28/08	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	70.4 %	Limits: 59-101%			B8C0409	3/26/08	3/28/08	EPA 8270C	
Surrogate: 2-Fluorophenol	43.2 %	Limits: 30-75%			B8C0409	3/26/08	3/28/08	EPA 8270C	
Surrogate: Nitrobenzene-d5	64.8 %	Limits: 57-101%			B8C0409	3/26/08	3/28/08	EPA 8270C	
Surrogate: Phenol-d6	36.8 %	Limits: 30-75%			B8C0409	3/26/08	3/28/08	EPA 8270C	
Surrogate: Terphenyl-d14	90.8 %	Limits: 65-100%			B8C0409	3/26/08	3/28/08	EPA 8270C	

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - V27
0801412-08 (Liquid)
3/20/08 12:24

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	11.3	0.0	pH Units	1	B8C0339	3/21/08	3/21/08	EPA 9040B	gh

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 5.0	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Barium	< 25	25	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Cadmium	< 1.0	1.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Chromium	20	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Lead	130	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Selenium	3.1	1.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Silver	< 5.0	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Mercury	< 0.0020	0.0020	mg/L	1	B8C0448	3/27/08	3/28/08	EPA 7470A	

Semivolatile Organic Compounds

sur, ve

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Diphenylhydrazine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,3-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,4-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,5-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,6-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dichlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
2,4-Dimethylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dinitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, qn
2,4-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
2,6-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp, go
2-Chloronaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Chlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylnaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
2-Nitrophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3,3-Dichlorobenzidine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
3-/4-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - V27
0801412-08 (Liquid)
3/20/08 12:24

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4,6-Dinitro-2-methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
4-Bromophenyl phenyl ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloro-3-methylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
4-Chlorophenyl phenyl ether	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go
4-Nitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Acenaphthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Acenaphthylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Aniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benz(a)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(a)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(b)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(g,h,i)perylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(k)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Benzyl alcohol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
bis(2-Chloroethoxy)methane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Chloroethyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Butyl benzyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Carbazole	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Chrysene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenz(a,h)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenzofuran	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Diethylphthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Dimethyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
Di-n-butyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Di-n-octyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluorene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Hexachlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorobutadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorocyclopentadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachloroethane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - V27
0801412-08 (Liquid)
3/20/08 12:24

Semivolatile Organic Compounds

sur, ve

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Indeno(1,2,3-cd)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Isophorone	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Naphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Nitrobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodimethylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodiphenylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Pentachlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Phenanthrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Phenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Pyridine	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Surrogate: 2,4,6-Tribromophenol	59.8 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	vn
Surrogate: 2-Fluorobiphenyl	102 %	Limits: 59-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	vm
Surrogate: 2-Fluorophenol	3.06 %	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	vn
Surrogate: Nitrobenzene-d5	102 %	Limits: 57-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	vm
Surrogate: Phenol-d6	%	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	vn
Surrogate: Terphenyl-d14	77.6 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	

Weston Solutions, Inc.
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Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - V3
0801412-09 (Liquid)
3/20/08 12:30

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	10.3	0.0	pH Units	1	B8C0339	3/21/08	3/21/08	EPA 9040B	gh

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 5.0	5.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Barium	< 25	25	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Cadmium	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Chromium	< 5.0	5.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Lead	< 5.0	5.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Selenium	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Silver	< 5.0	5.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Mercury	< 0.0020	0.0020	mg/L	1	B8C0448	3/27/08	3/28/08	EPA 7470A	

Semivolatile Organic Compounds

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Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Diphenylhydrazine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,3-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,4-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,5-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,6-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dichlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
2,4-Dimethylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dinitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, qn
2,4-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
2,6-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp, go
2-Chloronaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Chlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylnaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
2-Nitrophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3,3-Dichlorobenzidine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
3-/4-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go

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Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - V3
0801412-09 (Liquid)
3/20/08 12:30

Semivolatile Organic Compounds

sur, ve

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4,6-Dinitro-2-methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
4-Bromophenyl phenyl ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloro-3-methylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
4-Chlorophenyl phenyl ether	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go
4-Nitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Acenaphthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Acenaphthylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Aniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benz(a)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(a)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(b)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(g,h,i)perylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(k)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Benzyl alcohol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
bis(2-Chloroethoxy)methane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Chloroethyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Butyl benzyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Carbazole	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Chrysene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenz(a,h)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenzofuran	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Diethylphthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Dimethyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
Di-n-butyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Di-n-octyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluorene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Hexachlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorobutadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorocyclopentadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachloroethane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	

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Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - V3
0801412-09 (Liquid)
3/20/08 12:30

Semivolatile Organic Compounds

sur, ve

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Indeno(1,2,3-cd)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Isophorone	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Naphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Nitrobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodimethylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodiphenylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Pentachlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Phenanthrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Phenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Pyridine	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Surrogate: 2,4,6-Tribromophenol	75.2 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	82.0 %	Limits: 59-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorophenol	83.6 %	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	vm
Surrogate: Nitrobenzene-d5	63.6 %	Limits: 57-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: Phenol-d6	94.2 %	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	vm
Surrogate: Terphenyl-d14	66.4 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	

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Client Ref: Kens Metal Finishing Site
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PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - V1
0801412-10 (Liquid)
3/20/08 12:35

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	5.6	0.0	pH Units	1	B8C0339	3/21/08	3/21/08	EPA 9040B	gh

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 5.0	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Barium	< 25	25	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Cadmium	< 1.0	1.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Chromium	< 5.0	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Lead	< 5.0	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Selenium	< 1.0	1.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Silver	< 5.0	5.0	mg/L	5	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Mercury	< 0.0016	0.0016	mg/L	1	B8C0377	3/24/08	3/25/08	EPA 7470A	

Semivolatile Organic Compounds

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Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,2-Diphenylhydrazine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,3-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
1,4-Dichlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,5-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4,6-Trichlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dichlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
2,4-Dimethylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2,4-Dinitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go
2,4-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
2,6-Dinitrotoluene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp, go
2-Chloronaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Chlorophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylnaphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
2-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
2-Nitrophenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3,3-Dichlorobenzidine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
3-/4-Methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
3-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go

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Project Mgr: Thomas P. Wagner
Account ID:

KMF - V1
0801412-10 (Liquid)
3/20/08 12:35

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4,6-Dinitro-2-methylphenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
4-Bromophenyl phenyl ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloro-3-methylphenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Chloroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
4-Chlorophenyl phenyl ether	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
4-Nitroaniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn, go
4-Nitrophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Acenaphthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Acenaphthylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Aniline	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benz(a)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(a)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(b)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(g,h,i)perylene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Benzo(k)fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Benzyl alcohol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
bis(2-Chloroethoxy)methane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Chloroethyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Butyl benzyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Carbazole	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Chrysene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenz(a,h)anthracene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Dibenzofuran	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Diethylphthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Dimethyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go, gp
Di-n-butyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Di-n-octyl phthalate	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluoranthene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Fluorene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Hexachlorobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorobutadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachlorocyclopentadiene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Hexachloroethane	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	

Weston Solutions, Inc.
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Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - V1
0801412-10 (Liquid)
3/20/08 12:35

Semivolatile Organic Compounds

sur, ve

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Indeno(1,2,3-cd)pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Isophorone	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Naphthalene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Nitrobenzene	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodimethylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodiphenylamine	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	gp
Pentachlorophenol	< 45000	45000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Phenanthrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Phenol	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	go
Pyrene	< 18000	18000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	
Pyridine	< 90000	90000	ug/L	1	B8C0421	3/26/08	4/1/08	EPA 8270C	qn
Surrogate: 2,4,6-Tribromophenol	88.6 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	88.4 %	Limits: 59-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorophenol	83.2 %	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	vm
Surrogate: Nitrobenzene-d5	70.4 %	Limits: 57-101%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: Phenol-d6	69.2 %	Limits: 30-75%			B8C0421	3/26/08	4/1/08	EPA 8270C	
Surrogate: Terphenyl-d14	71.2 %	Limits: 65-100%			B8C0421	3/26/08	4/1/08	EPA 8270C	

Weston Solutions, Inc.
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Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - SM32

0801412-11 (Oil)

3/20/08 12:40

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	4.2	0.0	pH Units	1	B8C0340	3/21/08	3/21/08	EPA 9045D	
% Solids	65	0.050	% Wt	1	B8C0354	3/24/08	3/24/08	EPA 3545 7.2	

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Barium	< 5.0	5.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Cadmium	< 0.20	0.20	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Chromium	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Lead	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Selenium	< 0.20	0.20	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Silver	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Mercury	0.0049	0.0016	mg/L	1	B8C0377	3/24/08	3/25/08	EPA 7470A	

Semivolatile Organic Compounds

ve

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
1,2-Dichlorobenzene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
1,2-Diphenylhydrazine	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
1,3-Dichlorobenzene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
1,4-Dichlorobenzene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
2,4,5-Trichlorophenol	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
2,4,6-Trichlorophenol	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
2,4-Dichlorophenol	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	gp
2,4-Dimethylphenol	< 70	70	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
2,4-Dinitrophenol	< 70	70	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	qn, go
2,4-Dinitrotoluene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	go, gp
2,6-Dinitrotoluene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	gp, go
2-Chloronaphthalene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
2-Chlorophenol	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
2-Methylnaphthalene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
2-Methylphenol	< 70	70	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
2-Nitroaniline	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	go
2-Nitrophenol	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
3,3-Dichlorobenzidine	< 140	140	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
3-/4-Methylphenol	< 70	70	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	

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Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - SM32

0801412-11 (Oil)

3/20/08 12:40

Semivolatile Organic Compounds

ve

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3-Nitroaniline	< 70	70	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	go
4,6-Dinitro-2-methylphenol	< 140	140	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	go
4-Bromophenyl phenyl ether	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
4-Chloro-3-methylphenol	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
4-Chloroaniline	< 70	70	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
4-Chlorophenyl phenyl ether	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
4-Nitroaniline	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	go
4-Nitrophenol	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	go
Acenaphthene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Acenaphthylene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Aniline	< 70	70	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Anthracene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Benz(a)anthracene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Benzo(a)pyrene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Benzo(b)fluoranthene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Benzo(g,h,i)perylene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Benzo(k)fluoranthene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	gp
Benzyl alcohol	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	gp
bis(2-Chloroethoxy)methane	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Bis(2-Chloroethyl)ether	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	< 140	140	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Butyl benzyl phthalate	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Carbazole	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Chrysene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Dibenz(a,h)anthracene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Dibenzofuran	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Diethylphthalate	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	go
Dimethyl phthalate	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	gp, go
Di-n-butyl phthalate	< 140	140	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Di-n-octyl phthalate	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Fluoranthene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Fluorene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	go
Hexachlorobenzene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Hexachlorobutadiene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Hexachlorocyclopentadiene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	qn

Weston Solutions, Inc.
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Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - SM32

0801412-11 (Oil)

3/20/08 12:40

Semivolatile Organic Compounds

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Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexachloroethane	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Indeno(1,2,3-cd)pyrene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Isophorone	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Naphthalene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Nitrobenzene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodimethylamine	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
N-Nitrosodiphenylamine	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	gp
Pentachlorophenol	< 70	70	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	go
Phenanthrene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Phenol	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	go
Pyrene	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Pyridine	< 28	28	mg/kg dry	1	B8C0422	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	66.1 %	Limits: 30-150%			B8C0422	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	75.7 %	Limits: 30-104%			B8C0422	3/26/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorophenol	77.4 %	Limits: 30-106%			B8C0422	3/26/08	4/1/08	EPA 8270C	
Surrogate: Nitrobenzene-d5	82.5 %	Limits: 30-90%			B8C0422	3/26/08	4/1/08	EPA 8270C	
Surrogate: Phenol-d6	79.3 %	Limits: 30-102%			B8C0422	3/26/08	4/1/08	EPA 8270C	
Surrogate: Terphenyl-d14	77.5 %	Limits: 30-115%			B8C0422	3/26/08	4/1/08	EPA 8270C	

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM23D

0801412-12 (Solid)

3/20/08 14:54

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	1.2	0.0	pH Units	1	B8C0340	3/21/08	3/21/08	EPA 9045D	
% Solids	94	0.050	% Wt	1	B8C0354	3/24/08	3/24/08	EPA 3545 7.2	

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 5.0	5.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Barium	< 25	25	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Cadmium	< 1.0	1.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Chromium	4200	100	mg/L	1000	B8C0378	3/25/08	3/26/08	EPA 6010B	
Lead	< 5.0	5.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Selenium	< 1.0	1.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Silver	< 5.0	5.0	mg/L	50	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Mercury	< 0.0016	0.0016	mg/L	1	B8C0377	3/24/08	3/25/08	EPA 7470A	

Semivolatile Organic Compounds

sur, vfa

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,2-Dichlorobenzene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,2-Diphenylhydrazine	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
1,3-Dichlorobenzene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,4-Dichlorobenzene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4,5-Trichlorophenol	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4,6-Trichlorophenol	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4-Dichlorophenol	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2,4-Dimethylphenol	< 0.90	0.90	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2,4-Dinitrophenol	< 0.90	0.90	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	go, gp
2,4-Dinitrotoluene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,6-Dinitrotoluene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Chloronaphthalene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Chlorophenol	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Methylnaphthalene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Methylphenol	< 0.90	0.90	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Nitroaniline	< 1.8	1.8	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Nitrophenol	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
3,3-Dichlorobenzidine	< 1.8	1.8	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
3-/4-Methylphenol	< 0.90	0.90	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
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Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM23D

0801412-12 (Solid)

3/20/08 14:54

Semivolatile Organic Compounds

sur, vfa

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3-Nitroaniline	< 0.90	0.90	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4,6-Dinitro-2-methylphenol	< 0.90	0.90	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Bromophenyl phenyl ether	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chloro-3-methylphenol	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chloroaniline	< 0.90	0.90	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chlorophenyl phenyl ether	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Nitroaniline	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Nitrophenol	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	go
Acenaphthene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Acenaphthylene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Aniline	< 0.90	0.90	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Anthracene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benz(a)anthracene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(a)pyrene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(b)fluoranthene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(g,h,i)perylene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(k)fluoranthene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzyl alcohol	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
bis(2-Chloroethoxy)methane	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Bis(2-Chloroethyl)ether	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Bis(2-Ethylhexyl)phthalate	< 1.8	1.8	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Butyl benzyl phthalate	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Carbazole	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Chrysene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dibenz(a,h)anthracene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dibenzofuran	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Diethylphthalate	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dimethyl phthalate	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Di-n-butyl phthalate	< 1.8	1.8	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Di-n-octyl phthalate	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Fluoranthene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Fluorene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Hexachlorobenzene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Hexachlorobutadiene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Hexachlorocyclopentadiene	< 0.89	0.89	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - DM23D

0801412-12 (Solid)

3/20/08 14:54

Semivolatile Organic Compounds

sur, vfa

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexachloroethane	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Indeno(1,2,3-cd)pyrene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Isophorone	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Naphthalene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Nitrobenzene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
N-Nitrosodimethylamine	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
N-Nitrosodiphenylamine	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pentachlorophenol	< 0.90	0.90	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Phenanthrene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Phenol	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pyrene	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pyridine	< 0.36	0.36	mg/kg dry	5	B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	3.80 %	Limits: 30-150%			B8C0357	3/24/08	4/1/08	EPA 8270C	sk
Surrogate: 2-Fluorobiphenyl	48.8 %	Limits: 30-104%			B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorophenol	%	Limits: 30-106%			B8C0357	3/24/08	4/1/08	EPA 8270C	sk
Surrogate: Nitrobenzene-d5	54.4 %	Limits: 30-90%			B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: Phenol-d6	%	Limits: 30-102%			B8C0357	3/24/08	4/1/08	EPA 8270C	sk
Surrogate: Terphenyl-d14	40.3 %	Limits: 30-115%			B8C0357	3/24/08	4/1/08	EPA 8270C	

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Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - S1
0801412-13 (Solid)
3/20/08 14:50

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.2	0.0	pH Units	1	B8C0340	3/21/08	3/21/08	EPA 9045D	
% Solids	92	0.050	% Wt	1	B8C0354	3/24/08	3/24/08	EPA 3545 7.2	

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 0.50	0.50	mg/L	5	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Barium	< 2.5	2.5	mg/L	5	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Cadmium	0.25	0.10	mg/L	5	B8C0378	3/25/08	3/26/08	EPA 6010B	
Chromium	< 0.50	0.50	mg/L	5	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Lead	< 0.50	0.50	mg/L	5	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Selenium	< 0.10	0.10	mg/L	5	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Silver	< 0.50	0.50	mg/L	5	B8C0378	3/25/08	3/26/08	EPA 6010B	R-01
Mercury	< 0.00020	0.00020	mg/L	1	B8C0377	3/24/08	3/25/08	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,2-Dichlorobenzene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,2-Diphenylhydrazine	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
1,3-Dichlorobenzene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,4-Dichlorobenzene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4,5-Trichlorophenol	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4,6-Trichlorophenol	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4-Dichlorophenol	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2,4-Dimethylphenol	< 0.19	0.19	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2,4-Dinitrophenol	< 0.19	0.19	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	go, gp
2,4-Dinitrotoluene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,6-Dinitrotoluene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Chloronaphthalene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Chlorophenol	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Methylnaphthalene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Methylphenol	< 0.19	0.19	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Nitroaniline	< 0.36	0.36	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Nitrophenol	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
3,3-Dichlorobenzidine	< 0.36	0.36	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
3-/4-Methylphenol	< 0.19	0.19	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	

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Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - S1
0801412-13 (Solid)
3/20/08 14:50

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3-Nitroaniline	< 0.19	0.19	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
4,6-Dinitro-2-methylphenol	< 0.19	0.19	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Bromophenyl phenyl ether	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chloro-3-methylphenol	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chloroaniline	< 0.19	0.19	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chlorophenyl phenyl ether	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Nitroaniline	0.34	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Nitrophenol	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	go
Acenaphthene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Acenaphthylene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Aniline	< 0.19	0.19	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Anthracene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benz(a)anthracene	0.31	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(a)pyrene	0.37	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(b)fluoranthene	0.48	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(g,h,i)perylene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(k)fluoranthene	0.29	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzyl alcohol	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
bis(2-Chloroethoxy)methane	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Bis(2-Chloroethyl)ether	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Bis(2-Ethylhexyl)phthalate	0.48	0.36	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Butyl benzyl phthalate	0.23	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Carbazole	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Chrysene	0.37	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dibenz(a,h)anthracene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dibenzofuran	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Diethylphthalate	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dimethyl phthalate	0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Di-n-butyl phthalate	< 0.36	0.36	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Di-n-octyl phthalate	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Fluoranthene	0.82	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Fluorene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Hexachlorobenzene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Hexachlorobutadiene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - S1
0801412-13 (Solid)
3/20/08 14:50

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexachlorocyclopentadiene	< 0.18	0.18	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Hexachloroethane	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Indeno(1,2,3-cd)pyrene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Isophorone	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Naphthalene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Nitrobenzene	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
N-Nitrosodimethylamine	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
N-Nitrosodiphenylamine	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pentachlorophenol	< 0.19	0.19	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Phenanthrene	0.35	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Phenol	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pyrene	0.67	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pyridine	< 0.073	0.073	mg/kg dry	1	B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	72.0 %	Limits: 30-150%			B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	61.2 %	Limits: 30-104%			B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorophenol	61.0 %	Limits: 30-106%			B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: Nitrobenzene-d5	52.8 %	Limits: 30-90%			B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: Phenol-d6	62.6 %	Limits: 30-102%			B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: Terphenyl-d14	60.6 %	Limits: 30-115%			B8C0357	3/24/08	4/1/08	EPA 8270C	

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Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - S2
0801412-14 (Solid)
3/20/08 15:00

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	9.0	0.0	pH Units	1	B8C0340	3/21/08	3/21/08	EPA 9045D	
% Solids	95	0.050	% Wt	1	B8C0354	3/24/08	3/24/08	EPA 3545 7.2	

Toxicity Characteristic Leaching Procedure (TCLP) - Metals

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Barium	< 5.0	5.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Cadmium	< 0.20	0.20	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Chromium	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Lead	1.1	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Selenium	< 0.20	0.20	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Silver	< 1.0	1.0	mg/L	1	B8D0023	4/1/08	4/2/08	EPA 6010B	ve
Mercury	< 0.0020	0.0020	mg/L	1	B8C0448	3/27/08	3/28/08	EPA 7470A	

Semivolatile Organic Compounds

sur, vfa

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,2-Dichlorobenzene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,2-Diphenylhydrazine	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
1,3-Dichlorobenzene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
1,4-Dichlorobenzene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4,5-Trichlorophenol	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4,6-Trichlorophenol	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,4-Dichlorophenol	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2,4-Dimethylphenol	< 3.6	3.6	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2,4-Dinitrophenol	< 3.6	3.6	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	go, gp
2,4-Dinitrotoluene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
2,6-Dinitrotoluene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Chloronaphthalene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Chlorophenol	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Methylnaphthalene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
2-Methylphenol	< 3.6	3.6	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Nitroaniline	< 7.0	7.0	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
2-Nitrophenol	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
3,3-Dichlorobenzidine	< 7.0	7.0	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
3-/4-Methylphenol	< 3.6	3.6	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	

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Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

KMF - S2
0801412-14 (Solid)
3/20/08 15:00

Semivolatile Organic Compounds

sur, vfa

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3-Nitroaniline	< 3.6	3.6	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
4,6-Dinitro-2-methylphenol	< 3.6	3.6	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Bromophenyl phenyl ether	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chloro-3-methylphenol	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chloroaniline	< 3.6	3.6	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Chlorophenyl phenyl ether	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Nitroaniline	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
4-Nitrophenol	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	go
Acenaphthene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Acenaphthylene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Aniline	< 3.6	3.6	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Anthracene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benz(a)anthracene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(a)pyrene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(b)fluoranthene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(g,h,i)perylene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzo(k)fluoranthene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Benzyl alcohol	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
bis(2-Chloroethoxy)methane	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Bis(2-Chloroethyl)ether	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Bis(2-Ethylhexyl)phthalate	< 7.0	7.0	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Butyl benzyl phthalate	1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Carbazole	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Chrysene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dibenz(a,h)anthracene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dibenzofuran	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Diethylphthalate	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Dimethyl phthalate	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Di-n-butyl phthalate	< 7.0	7.0	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Di-n-octyl phthalate	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Fluoranthene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Fluorene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Hexachlorobenzene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Hexachlorobutadiene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Hexachlorocyclopentadiene	< 3.5	3.5	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp

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Project Mgr: Thomas P. Wagner
Account ID:

KMF - S2
0801412-14 (Solid)
3/20/08 15:00

Semivolatile Organic Compounds

sur, vfa

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexachloroethane	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Indeno(1,2,3-cd)pyrene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Isophorone	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Naphthalene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
Nitrobenzene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
N-Nitrosodimethylamine	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
N-Nitrosodi-n-propylamine	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	gp
N-Nitrosodiphenylamine	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pentachlorophenol	< 3.6	3.6	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Phenanthrene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Phenol	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pyrene	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Pyridine	< 1.4	1.4	mg/kg dry	20	B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	%	Limits: 30-150%			B8C0357	3/24/08	4/1/08	EPA 8270C	S-01
Surrogate: 2-Fluorobiphenyl	51.9 %	Limits: 30-104%			B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: 2-Fluorophenol	%	Limits: 30-106%			B8C0357	3/24/08	4/1/08	EPA 8270C	S-01
Surrogate: Nitrobenzene-d5	38.4 %	Limits: 30-90%			B8C0357	3/24/08	4/1/08	EPA 8270C	
Surrogate: Phenol-d6	%	Limits: 30-102%			B8C0357	3/24/08	4/1/08	EPA 8270C	S-01
Surrogate: Terphenyl-d14	39.2 %	Limits: 30-115%			B8C0357	3/24/08	4/1/08	EPA 8270C	

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Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Classical Chemistry Parameters - Quality Control

Batch B8C0339 - Default Prep GenChem

Laboratory Control Sample (B8C0339-BS1)

Prepared & Analyzed: 03/21/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
pH	7.1	0.0	pH Units	6.85	NA	104	80-120	NA	NA	

Laboratory Control Sample Duplicate (B8C0339-BSD1)

Prepared & Analyzed: 03/21/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
pH	7.1	0.0	pH Units	6.85	NA	104	80-120	0.00	20	

Batch B8C0340 - Default Prep GenChem

Laboratory Control Sample (B8C0340-BS1)

Prepared & Analyzed: 03/21/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
pH	7.1	0.0	pH Units	6.85	NA	104	80-120	NA	NA	

Laboratory Control Sample Duplicate (B8C0340-BSD1)

Prepared & Analyzed: 03/21/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
pH	7.1	0.0	pH Units	6.85	NA	104	80-120	0.00	20	

Batch B8C0354 - Default Prep GenChem

Method Blank (B8C0354-BLK1)

Prepared & Analyzed: 03/24/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	< 0.050	0.050	% Wt	NA	NA	NA	NA	NA	NA	

Standard Reference Material (B8C0354-SRM1)

Prepared & Analyzed: 03/24/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	89.8		% Wt	88.8	NA	101	90-110	NA	NA	

Batch B8C0393 - Default Prep GenChem

Laboratory Control Sample (B8C0393-BS1)

Prepared & Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Flashpoint	82		°F	81.0	NA	101	80-120	NA	NA	



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Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Classical Chemistry Parameters - Quality Control

Batch B8C0393 - Default Prep GenChem

Laboratory Control Sample Duplicate (B8C0393-BSD1)

Prepared & Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Flashpoint	82		°F	81.0	NA	101	80-120	0.00	20	

Batch B8C0394 - Default Prep GenChem

Laboratory Control Sample (B8C0394-BS1)

Prepared & Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Flashpoint	82		°F	81.0	NA	101	80-120	NA	NA	

Laboratory Control Sample Duplicate (B8C0394-BSD1)

Prepared & Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Flashpoint	82		°F	81.0	NA	101	80-120	0.00	20	

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Toxicity Characteristic Leaching Procedure (TCLP) - Metals - Quality Control

Batch B8C0377 - EPA 7470A

Method Blank (B8C0377-BLK1)

Prepared: 03/24/08 Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	< 0.00020	0.00020	mg/L	NA	NA	NA	NA	NA	NA	

Method Blank (B8C0377-BLK2)

Prepared: 03/24/08 Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	< 0.00020	0.00020	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B8C0377-BS1)

Prepared: 03/24/08 Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00221	0.00020	mg/L	0.00250	NA	88.4	85-115	NA	NA	

Laboratory Control Sample Duplicate (B8C0377-BSD1)

Prepared: 03/24/08 Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00225	0.00020	mg/L	0.00250	NA	90.0	85-115	1.79	20	

Batch B8C0378 - EPA 3005A

Method Blank (B8C0378-BLK1)

Prepared & Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Barium	< 0.50	0.50	mg/L	NA	NA	NA	NA	NA	NA	
Cadmium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	
Chromium	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Lead	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Selenium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	
Silver	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	

Method Blank (B8C0378-BLK2)

Prepared & Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Barium	< 0.50	0.50	mg/L	NA	NA	NA	NA	NA	NA	
Cadmium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	
Chromium	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	

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Account ID:

Toxicity Characteristic Leaching Procedure (TCLP) - Metals - Quality Control

Batch B8C0378 - EPA 3005A

Method Blank (B8C0378-BLK2)

Prepared & Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Lead	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Selenium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	
Silver	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B8C0378-BS1)

Prepared & Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.973	0.10	mg/L	1.00	NA	97.3	85-115	NA	NA	
Barium	1.04	0.50	mg/L	1.00	NA	104	85-115	NA	NA	
Cadmium	1.00	0.020	mg/L	1.00	NA	100	85-115	NA	NA	
Chromium	0.963	0.10	mg/L	1.00	NA	96.3	85-115	NA	NA	
Lead	0.997	0.10	mg/L	1.00	NA	99.7	85-115	NA	NA	
Selenium	0.978	0.020	mg/L	1.00	NA	97.8	85-115	NA	NA	
Silver	0.204	0.10	mg/L	0.200	NA	102	85-115	NA	NA	

Laboratory Control Sample Duplicate (B8C0378-BSD1)

Prepared & Analyzed: 03/25/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.985	0.10	mg/L	1.00	NA	98.5	85-115	1.23	25	
Barium	1.06	0.50	mg/L	1.00	NA	106	85-115	1.90	20	
Cadmium	1.01	0.020	mg/L	1.00	NA	101	85-115	0.995	20	
Chromium	0.975	0.10	mg/L	1.00	NA	97.5	85-115	1.24	20	
Lead	1.01	0.10	mg/L	1.00	NA	101	85-115	1.30	20	
Selenium	0.994	0.020	mg/L	1.00	NA	99.4	85-115	1.62	20	
Silver	0.206	0.10	mg/L	0.200	NA	103	85-115	0.976	20	

Batch B8C0435 - EPA 3005A

Method Blank (B8C0435-BLK1)

Prepared: 03/26/08 Analyzed: 03/27/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Barium	< 0.50	0.50	mg/L	NA	NA	NA	NA	NA	NA	
Cadmium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	
Chromium	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	

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Toxicity Characteristic Leaching Procedure (TCLP) - Metals - Quality Control

Batch B8C0435 - EPA 3005A

Method Blank (B8C0435-BLK1)

Prepared: 03/26/08 Analyzed: 03/27/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Lead	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Selenium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	
Silver	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	

Method Blank (B8C0435-BLK2)

Prepared: 03/26/08 Analyzed: 03/27/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Barium	< 0.50	0.50	mg/L	NA	NA	NA	NA	NA	NA	
Cadmium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	
Chromium	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Lead	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Selenium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	
Silver	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B8C0435-BS1)

Prepared: 03/26/08 Analyzed: 03/27/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1.01	0.10	mg/L	1.00	NA	101	85-115	NA	NA	
Barium	1.05	0.50	mg/L	1.00	NA	105	85-115	NA	NA	
Cadmium	1.03	0.020	mg/L	1.00	NA	103	85-115	NA	NA	
Chromium	0.982	0.10	mg/L	1.00	NA	98.2	85-115	NA	NA	
Lead	1.06	0.10	mg/L	1.00	NA	106	85-115	NA	NA	
Selenium	1.01	0.020	mg/L	1.00	NA	101	85-115	NA	NA	
Silver	0.215	0.10	mg/L	0.200	NA	108	85-115	NA	NA	

Laboratory Control Sample Duplicate (B8C0435-BS1)

Prepared: 03/26/08 Analyzed: 03/27/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1.01	0.10	mg/L	1.00	NA	101	85-115	0.00	25	
Barium	1.05	0.50	mg/L	1.00	NA	105	85-115	0.00	20	
Cadmium	1.02	0.020	mg/L	1.00	NA	102	85-115	0.976	20	
Chromium	0.982	0.10	mg/L	1.00	NA	98.2	85-115	0.00	20	
Lead	1.06	0.10	mg/L	1.00	NA	106	85-115	0.00	20	

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Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Toxicity Characteristic Leaching Procedure (TCLP) - Metals - Quality Control

Batch B8C0435 - EPA 3005A

Laboratory Control Sample Duplicate (B8C0435-BSD1)

Prepared: 03/26/08 Analyzed: 03/27/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Selenium	1.01	0.020	mg/L	1.00	NA	101	85-115	0.00	20	
Silver	0.209	0.10	mg/L	0.200	NA	104	85-115	2.83	20	

Batch B8C0448 - EPA 7470A

Method Blank (B8C0448-BLK1)

Prepared: 03/27/08 Analyzed: 03/28/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	< 0.00020	0.00020	mg/L	NA	NA	NA	NA	NA	NA	

Method Blank (B8C0448-BLK2)

Prepared: 03/27/08 Analyzed: 03/28/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	< 0.00020	0.00020	mg/L	NA	NA	NA	NA	NA	NA	

Method Blank (B8C0448-BLK3)

Prepared: 03/27/08 Analyzed: 03/28/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	< 0.00020	0.00020	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B8C0448-BS1)

Prepared: 03/27/08 Analyzed: 03/28/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00243	0.00020	mg/L	0.00250	NA	97.2	85-115	NA	NA	

Laboratory Control Sample Duplicate (B8C0448-BSD1)

Prepared: 03/27/08 Analyzed: 03/28/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00237	0.00020	mg/L	0.00250	NA	94.8	85-115	2.50	20	

Batch B8D0023 - EPA 3005A

Method Blank (B8D0023-BLK1)

Prepared: 04/01/08 Analyzed: 04/02/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Barium	< 0.50	0.50	mg/L	NA	NA	NA	NA	NA	NA	
Cadmium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	

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Toxicity Characteristic Leaching Procedure (TCLP) - Metals - Quality Control

Batch B8D0023 - EPA 3005A

Method Blank (B8D0023-BLK1)

Prepared: 04/01/08 Analyzed: 04/02/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Lead	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Selenium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	
Silver	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	

Method Blank (B8D0023-BLK2)

Prepared: 04/01/08 Analyzed: 04/02/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Barium	< 0.50	0.50	mg/L	NA	NA	NA	NA	NA	NA	
Cadmium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	
Chromium	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Lead	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Selenium	< 0.020	0.020	mg/L	NA	NA	NA	NA	NA	NA	
Silver	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B8D0023-BS1)

Prepared: 04/01/08 Analyzed: 04/02/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.996	0.10	mg/L	1.00	NA	99.6	85-115	NA	NA	
Barium	1.04	0.50	mg/L	1.00	NA	104	85-115	NA	NA	
Cadmium	1.01	0.020	mg/L	1.00	NA	101	85-115	NA	NA	
Chromium	0.973	0.10	mg/L	1.00	NA	97.3	85-115	NA	NA	
Lead	1.03	0.10	mg/L	1.00	NA	103	85-115	NA	NA	
Selenium	0.972	0.020	mg/L	1.00	NA	97.2	85-115	NA	NA	
Silver	0.204	0.10	mg/L	0.200	NA	102	85-115	NA	NA	

Laboratory Control Sample Duplicate (B8D0023-BSD1)

Prepared: 04/01/08 Analyzed: 04/02/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1.01	0.10	mg/L	1.00	NA	101	85-115	1.40	25	
Barium	1.06	0.50	mg/L	1.00	NA	106	85-115	1.90	20	
Cadmium	1.03	0.020	mg/L	1.00	NA	103	85-115	1.96	20	
Chromium	0.991	0.10	mg/L	1.00	NA	99.1	85-115	1.83	20	



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Toxicity Characteristic Leaching Procedure (TCLP) - Metals - Quality Control

Batch B8D0023 - EPA 3005A

Laboratory Control Sample Duplicate (B8D0023-BSD1)

Prepared: 04/01/08 Analyzed: 04/02/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Lead	1.05	0.10	mg/L	1.00	NA	105	85-115	1.92	20	
Selenium	0.993	0.020	mg/L	1.00	NA	99.3	85-115	2.14	20	
Silver	0.206	0.10	mg/L	0.200	NA	103	85-115	0.976	20	

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Toxicity Characteristic Leaching Procedure (TCLP) - Semivolatiles - Quality Control

Batch B8C0409 - EPA 3510C

Method Blank (B8C0409-BLK1)

Prepared: 03/26/08 Analyzed: 03/28/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	< 0.0050	0.0050	mg/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	< 0.0050	0.0050	mg/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	< 0.0050	0.0050	mg/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	< 0.0050	0.0050	mg/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	< 0.010	0.010	mg/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	< 0.010	0.010	mg/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	< 0.0050	0.0050	mg/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	< 0.0050	0.0050	mg/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	< 0.0050	0.0050	mg/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	< 0.0050	0.0050	mg/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	< 0.0050	0.0050	mg/L	NA	NA	NA	NA	NA	NA	
Pyridine	< 0.010	0.010	mg/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	0.0388		mg/L	0.0500	NA	77.6	65-100			
Surrogate: 2-Fluorobiphenyl	0.0168		mg/L	0.0250	NA	67.2	59-101			
Surrogate: Nitrobenzene-d5	0.0178		mg/L	0.0250	NA	71.2	57-101			
Surrogate: Phenol-d6	0.0235		mg/L	0.0500	NA	47.0	30-75			
Surrogate: Terphenyl-d14	0.0245		mg/L	0.0250	NA	98.0	65-100			

Method Blank (B8C0409-BLK2)

Prepared: 03/26/08 Analyzed: 03/28/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	< 0.050	0.050	mg/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	< 0.050	0.050	mg/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	< 0.050	0.050	mg/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	< 0.050	0.050	mg/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	< 0.050	0.050	mg/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	< 0.050	0.050	mg/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	< 0.050	0.050	mg/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	< 0.050	0.050	mg/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	< 0.050	0.050	mg/L	NA	NA	NA	NA	NA	NA	
Pyridine	< 0.10	0.10	mg/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	0.335		mg/L	0.500	NA	67.0	65-100			
Surrogate: 2-Fluorobiphenyl	0.160		mg/L	0.250	NA	64.0	59-101			
Surrogate: Nitrobenzene-d5	0.156		mg/L	0.250	NA	62.4	57-101			
Surrogate: Phenol-d6	0.170		mg/L	0.500	NA	34.0	30-75			
Surrogate: Terphenyl-d14	0.194		mg/L	0.250	NA	77.6	65-100			

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Project Mgr: Thomas P. Wagner
Account ID:

Toxicity Characteristic Leaching Procedure (TCLP) - Semivolatiles - Quality Control

Batch B8C0409 - EPA 3510C

Laboratory Control Sample (B8C0409-BS1)

Prepared: 03/26/08 Analyzed: 03/28/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.0304	0.0050	mg/L	0.0500	NA	60.8	40-110	NA	NA	
2,4,5-Trichlorophenol	0.0425	0.0050	mg/L	0.0500	NA	85.0	30-130	NA	NA	
2,4,6-Trichlorophenol	0.0409	0.0050	mg/L	0.0500	NA	81.8	30-130	NA	NA	
2,4-Dinitrotoluene	0.0439	0.0050	mg/L	0.0500	NA	87.8	60-120	NA	NA	
2-Methylphenol	0.0378	0.010	mg/L	0.0500	NA	75.6	30-130	NA	NA	
3-/4-Methylphenol	0.0386	0.010	mg/L	0.0500	NA	77.2	30-130	NA	NA	
Hexachlorobenzene	0.0440	0.0050	mg/L	0.0500	NA	88.0	30-130	NA	NA	
Hexachlorobutadiene	0.0329	0.0050	mg/L	0.0500	NA	65.8	30-130	NA	NA	
Hexachloroethane	0.0296	0.0050	mg/L	0.0500	NA	59.2	30-130	NA	NA	
Nitrobenzene	0.0370	0.0050	mg/L	0.0500	NA	74.0	30-130	NA	NA	
Pentachlorophenol	0.0434	0.0050	mg/L	0.0500	NA	86.8	45-115	NA	NA	
Pyridine	0.0248	0.010	mg/L	0.0500	NA	49.6	30-130	NA	NA	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>0.0471</i>		<i>mg/L</i>	<i>0.0500</i>	<i>NA</i>	<i>94.2</i>	<i>65-100</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.0174</i>		<i>mg/L</i>	<i>0.0250</i>	<i>NA</i>	<i>69.6</i>	<i>59-101</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.0173</i>		<i>mg/L</i>	<i>0.0250</i>	<i>NA</i>	<i>69.2</i>	<i>57-101</i>			
<i>Surrogate: Phenol-d6</i>	<i>0.0247</i>		<i>mg/L</i>	<i>0.0500</i>	<i>NA</i>	<i>49.4</i>	<i>30-75</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>0.0206</i>		<i>mg/L</i>	<i>0.0250</i>	<i>NA</i>	<i>82.4</i>	<i>65-100</i>			

Laboratory Control Sample Duplicate (B8C0409-BS1)

Prepared: 03/26/08 Analyzed: 03/28/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.0314	0.0050	mg/L	0.0500	NA	62.8	40-110	3.24	20	
2,4,5-Trichlorophenol	0.0424	0.0050	mg/L	0.0500	NA	84.8	30-130	0.236	20	
2,4,6-Trichlorophenol	0.0416	0.0050	mg/L	0.0500	NA	83.2	30-130	1.70	20	
2,4-Dinitrotoluene	0.0446	0.0050	mg/L	0.0500	NA	89.2	60-120	1.58	20	
2-Methylphenol	0.0383	0.010	mg/L	0.0500	NA	76.6	30-130	1.31	20	
3-/4-Methylphenol	0.0380	0.010	mg/L	0.0500	NA	76.0	30-130	1.57	20	
Hexachlorobenzene	0.0442	0.0050	mg/L	0.0500	NA	88.4	30-130	0.454	20	
Hexachlorobutadiene	0.0328	0.0050	mg/L	0.0500	NA	65.6	30-130	0.304	20	
Hexachloroethane	0.0313	0.0050	mg/L	0.0500	NA	62.6	30-130	5.58	20	
Nitrobenzene	0.0369	0.0050	mg/L	0.0500	NA	73.8	30-130	0.271	20	
Pentachlorophenol	0.0418	0.0050	mg/L	0.0500	NA	83.6	45-115	3.76	20	
Pyridine	0.0255	0.010	mg/L	0.0500	NA	51.0	30-130	2.78	30	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>0.0444</i>		<i>mg/L</i>	<i>0.0500</i>	<i>NA</i>	<i>88.8</i>	<i>65-100</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.0178</i>		<i>mg/L</i>	<i>0.0250</i>	<i>NA</i>	<i>71.2</i>	<i>59-101</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.0174</i>		<i>mg/L</i>	<i>0.0250</i>	<i>NA</i>	<i>69.6</i>	<i>57-101</i>			
<i>Surrogate: Phenol-d6</i>	<i>0.0252</i>		<i>mg/L</i>	<i>0.0500</i>	<i>NA</i>	<i>50.4</i>	<i>30-75</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>0.0197</i>		<i>mg/L</i>	<i>0.0250</i>	<i>NA</i>	<i>78.8</i>	<i>65-100</i>			

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Polychlorinated Biphenyls - Quality Control

Batch B8C0443 - EPA 3510C

Method Blank (B8C0443-BLK1)

Prepared & Analyzed: 03/27/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB 1016	< 1.0	1.0	ug/L	NA	NA	NA	NA	NA	NA	
PCB 1221	< 1.0	1.0	ug/L	NA	NA	NA	NA	NA	NA	
PCB 1232	< 1.0	1.0	ug/L	NA	NA	NA	NA	NA	NA	
PCB 1242	< 1.0	1.0	ug/L	NA	NA	NA	NA	NA	NA	
PCB 1248	< 1.0	1.0	ug/L	NA	NA	NA	NA	NA	NA	
PCB 1254	< 1.0	1.0	ug/L	NA	NA	NA	NA	NA	NA	
PCB 1260	< 1.0	1.0	ug/L	NA	NA	NA	NA	NA	NA	
PCB 1268	< 1.0	1.0	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: DBC	1.26		ug/L	1.25	NA	101	50-120			
Surrogate: TCMX	0.992		ug/L	1.25	NA	79.4	50-120			

Laboratory Control Sample (B8C0443-BS1)

Prepared & Analyzed: 03/27/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB 1268	9.13	1.0	ug/L	10.0	NA	91.3	70-115	NA	NA	
Surrogate: DBC	1.27		ug/L	1.25	NA	102	50-120			
Surrogate: TCMX	0.937		ug/L	1.25	NA	75.0	50-120			

Laboratory Control Sample Duplicate (B8C0443-BS1)

Prepared & Analyzed: 03/27/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB 1268	9.26	1.0	ug/L	10.0	NA	92.6	70-115	1.41	20	
Surrogate: DBC	1.26		ug/L	1.25	NA	101	50-120			
Surrogate: TCMX	1.01		ug/L	1.25	NA	80.8	50-120			

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Semivolatile Organic Compounds - Quality Control

Batch B8C0357 - EPA 3545

Method Blank (B8C0357-BLK1)

Prepared: 03/24/08 Analyzed: 03/31/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	< 0.33	0.33	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	< 0.33	0.33	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Chloroethyl)ether	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	< 0.33	0.33	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	

Weston Solutions, Inc.
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Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0357 - EPA 3545

Method Blank (B8C0357-BLK1)

Prepared: 03/24/08 Analyzed: 03/31/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diethylphthalate	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	< 0.33	0.33	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	< 0.067	0.067	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	0.959		mg/kg	1.67	NA	57.4	30-150			
Surrogate: 2-Fluorobiphenyl	0.545		mg/kg	0.833	NA	65.4	30-104			
Surrogate: 2-Fluorophenol	1.12		mg/kg	1.67	NA	67.1	30-106			
Surrogate: Nitrobenzene-d5	0.586		mg/kg	0.833	NA	70.3	30-90			
Surrogate: Phenol-d6	1.12		mg/kg	1.67	NA	67.1	30-102			
Surrogate: Terphenyl-d14	0.527		mg/kg	0.833	NA	63.3	30-115			

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Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0357 - EPA 3545

Laboratory Control Sample (B8C0357-BS1)

Prepared: 03/24/08 Analyzed: 03/31/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	0.781	0.067	mg/kg	1.67	NA	46.8	30-120	NA	NA	
1,2-Dichlorobenzene	0.813	0.067	mg/kg	1.67	NA	48.7	30-130	NA	NA	
1,2-Diphenylhydrazine	1.27	0.067	mg/kg	1.67	NA	76.0	30-130	NA	NA	
1,3-Dichlorobenzene	0.765	0.067	mg/kg	1.67	NA	45.8	30-130	NA	NA	
1,4-Dichlorobenzene	0.792	0.067	mg/kg	1.67	NA	47.4	40-110	NA	NA	
2,4,5-Trichlorophenol	1.07	0.067	mg/kg	1.67	NA	64.1	30-130	NA	NA	
2,4,6-Trichlorophenol	0.980	0.067	mg/kg	1.67	NA	58.7	30-130	NA	NA	
2,4-Dichlorophenol	0.947	0.067	mg/kg	1.67	NA	56.7	30-130	NA	NA	
2,4-Dimethylphenol	0.907	0.17	mg/kg	1.67	NA	54.3	30-130	NA	NA	
2,4-Dinitrophenol	0.437	0.17	mg/kg	1.67	NA	26.2	30-130	NA	NA	
2,4-Dinitrotoluene	1.11	0.067	mg/kg	1.67	NA	66.5	60-120	NA	NA	
2,6-Dinitrotoluene	1.08	0.067	mg/kg	1.67	NA	64.7	30-130	NA	NA	
2-Chloronaphthalene	0.931	0.067	mg/kg	1.67	NA	55.7	30-130	NA	NA	
2-Chlorophenol	0.843	0.067	mg/kg	1.67	NA	50.5	40-100	NA	NA	
2-Methylnaphthalene	0.841	0.067	mg/kg	1.67	NA	50.4	30-130	NA	NA	
2-Methylphenol	0.982	0.17	mg/kg	1.67	NA	58.8	30-130	NA	NA	
2-Nitroaniline	1.31	0.33	mg/kg	1.67	NA	78.4	30-130	NA	NA	
2-Nitrophenol	0.817	0.067	mg/kg	1.67	NA	48.9	30-130	NA	NA	
3,3-Dichlorobenzidine	1.22	0.33	mg/kg	1.67	NA	73.1	30-130	NA	NA	
3-/4-Methylphenol	1.05	0.17	mg/kg	1.67	NA	62.9	30-130	NA	NA	
3-Nitroaniline	1.10	0.17	mg/kg	1.67	NA	65.9	30-130	NA	NA	
4,6-Dinitro-2-methylphenol	1.07	0.17	mg/kg	1.67	NA	64.1	30-130	NA	NA	
4-Bromophenyl phenyl ether	1.13	0.067	mg/kg	1.67	NA	67.7	30-130	NA	NA	
4-Chloro-3-methylphenol	1.06	0.067	mg/kg	1.67	NA	63.5	50-110	NA	NA	
4-Chloroaniline	0.899	0.17	mg/kg	1.67	NA	53.8	30-130	NA	NA	
4-Chlorophenyl phenyl ether	1.06	0.067	mg/kg	1.67	NA	63.5	30-130	NA	NA	
4-Nitroaniline	1.27	0.067	mg/kg	1.67	NA	76.0	30-130	NA	NA	
4-Nitrophenol	1.36	0.067	mg/kg	1.67	NA	81.4	30-80	NA	NA	
Acenaphthene	1.01	0.067	mg/kg	1.67	NA	60.5	50-110	NA	NA	
Acenaphthylene	0.878	0.067	mg/kg	1.67	NA	52.6	30-130	NA	NA	
Aniline	0.958	0.17	mg/kg	1.67	NA	57.4	30-130	NA	NA	
Anthracene	1.36	0.067	mg/kg	1.67	NA	81.4	30-130	NA	NA	
Benz(a)anthracene	1.28	0.067	mg/kg	1.67	NA	76.6	30-130	NA	NA	
Benzo(a)pyrene	1.33	0.067	mg/kg	1.67	NA	79.6	30-130	NA	NA	
Benzo(b)fluoranthene	1.21	0.067	mg/kg	1.67	NA	72.5	30-130	NA	NA	
Benzo(g,h,i)perylene	1.41	0.067	mg/kg	1.67	NA	84.4	30-130	NA	NA	
Benzo(k)fluoranthene	1.29	0.067	mg/kg	1.67	NA	77.2	30-130	NA	NA	
Benzyl alcohol	0.940	0.067	mg/kg	1.67	NA	56.3	30-130	NA	NA	
bis(2-Chloroethoxy)methane	0.873	0.067	mg/kg	1.67	NA	52.3	30-130	NA	NA	
Bis(2-Chloroethyl)ether	0.971	0.067	mg/kg	1.67	NA	58.1	30-130	NA	NA	
Bis(2-chloroisopropyl)ether	0.815	0.067	mg/kg	1.67	NA	48.8	30-130	NA	NA	
Bis(2-Ethylhexyl)phthalate	1.27	0.33	mg/kg	1.67	NA	76.0	30-130	NA	NA	
Butyl benzyl phthalate	1.27	0.067	mg/kg	1.67	NA	76.0	30-130	NA	NA	
Carbazole	1.28	0.067	mg/kg	1.67	NA	76.6	30-130	NA	NA	
Chrysene	1.30	0.067	mg/kg	1.67	NA	77.8	30-130	NA	NA	
Dibenz(a,h)anthracene	1.36	0.067	mg/kg	1.67	NA	81.4	30-130	NA	NA	
Dibenzofuran	1.05	0.067	mg/kg	1.67	NA	62.9	30-130	NA	NA	

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Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0357 - EPA 3545

Laboratory Control Sample (B8C0357-BS1)

Prepared: 03/24/08 Analyzed: 03/31/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diethylphthalate	1.17	0.067	mg/kg	1.67	NA	70.1	30-130	NA	NA	
Dimethyl phthalate	1.10	0.067	mg/kg	1.67	NA	65.9	30-130	NA	NA	
Di-n-butyl phthalate	1.25	0.33	mg/kg	1.67	NA	74.9	30-130	NA	NA	
Di-n-octyl phthalate	1.34	0.067	mg/kg	1.67	NA	80.2	30-130	NA	NA	
Fluoranthene	1.23	0.067	mg/kg	1.67	NA	73.7	30-130	NA	NA	
Fluorene	1.08	0.067	mg/kg	1.67	NA	64.7	30-130	NA	NA	
Hexachlorobenzene	1.25	0.067	mg/kg	1.67	NA	74.9	30-130	NA	NA	
Hexachlorobutadiene	0.804	0.067	mg/kg	1.67	NA	48.1	30-130	NA	NA	
Hexachlorocyclopentadiene	0.666	0.17	mg/kg	1.67	NA	39.9	30-130	NA	NA	
Hexachloroethane	0.871	0.067	mg/kg	1.67	NA	52.2	30-130	NA	NA	
Indeno(1,2,3-cd)pyrene	1.36	0.067	mg/kg	1.67	NA	81.4	30-130	NA	NA	
Isophorone	1.02	0.067	mg/kg	1.67	NA	61.1	30-130	NA	NA	
Naphthalene	0.874	0.067	mg/kg	1.67	NA	52.3	30-130	NA	NA	
Nitrobenzene	0.880	0.067	mg/kg	1.67	NA	52.7	30-130	NA	NA	
N-Nitrosodimethylamine	0.923	0.067	mg/kg	1.67	NA	55.3	30-130	NA	NA	
N-Nitrosodi-n-propylamine	1.01	0.067	mg/kg	1.67	NA	60.5	45-120	NA	NA	
N-Nitrosodiphenylamine	1.23	0.067	mg/kg	1.67	NA	73.7	30-130	NA	NA	
Pentachlorophenol	1.05	0.17	mg/kg	1.67	NA	62.9	45-115	NA	NA	
Phenanthrene	1.18	0.067	mg/kg	1.67	NA	70.7	30-130	NA	NA	
Phenol	0.990	0.067	mg/kg	1.67	NA	59.3	30-80	NA	NA	
Pyrene	1.29	0.067	mg/kg	1.67	NA	77.2	55-120	NA	NA	
Pyridine	0.689	0.067	mg/kg	1.67	NA	41.3	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	1.05		mg/kg	1.67	NA	62.9	30-150			
Surrogate: 2-Fluorobiphenyl	0.445		mg/kg	0.833	NA	53.4	30-104			
Surrogate: 2-Fluorophenol	0.843		mg/kg	1.67	NA	50.5	30-106			
Surrogate: Nitrobenzene-d5	0.396		mg/kg	0.833	NA	47.5	30-90			
Surrogate: Phenol-d6	0.886		mg/kg	1.67	NA	53.1	30-102			
Surrogate: Terphenyl-d14	0.510		mg/kg	0.833	NA	61.2	30-115			

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Project Mgr: Thomas P. Wagner
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Semivolatile Organic Compounds - Quality Control

Batch B8C0357 - EPA 3545

Laboratory Control Sample Duplicate (B8C0357-BSD1)

Prepared: 03/24/08 Analyzed: 03/31/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.10	0.067	mg/kg	1.67	NA	65.9	30-120	33.9	20	
1,2-Dichlorobenzene	1.01	0.067	mg/kg	1.67	NA	60.5	30-130	21.6	20	
1,2-Diphenylhydrazine	1.34	0.067	mg/kg	1.67	NA	80.2	30-130	5.36	20	
1,3-Dichlorobenzene	0.986	0.067	mg/kg	1.67	NA	59.0	30-130	25.2	20	
1,4-Dichlorobenzene	0.968	0.067	mg/kg	1.67	NA	58.0	40-110	20.0	20	
2,4,5-Trichlorophenol	1.18	0.067	mg/kg	1.67	NA	70.7	30-130	9.78	20	
2,4,6-Trichlorophenol	1.09	0.067	mg/kg	1.67	NA	65.3	30-130	10.6	20	
2,4-Dichlorophenol	1.24	0.067	mg/kg	1.67	NA	74.3	30-130	26.8	20	
2,4-Dimethylphenol	1.20	0.17	mg/kg	1.67	NA	71.9	30-130	27.8	20	
2,4-Dinitrophenol	0.565	0.17	mg/kg	1.67	NA	33.8	30-130	25.5	20	
2,4-Dinitrotoluene	1.16	0.067	mg/kg	1.67	NA	69.5	60-120	4.41	20	
2,6-Dinitrotoluene	1.20	0.067	mg/kg	1.67	NA	71.9	30-130	10.5	20	
2-Chloronaphthalene	1.17	0.067	mg/kg	1.67	NA	70.1	30-130	22.8	20	
2-Chlorophenol	1.08	0.067	mg/kg	1.67	NA	64.7	40-100	24.6	20	
2-Methylnaphthalene	1.12	0.067	mg/kg	1.67	NA	67.1	30-130	28.5	20	
2-Methylphenol	1.14	0.17	mg/kg	1.67	NA	68.3	30-130	14.9	20	
2-Nitroaniline	1.30	0.33	mg/kg	1.67	NA	77.8	30-130	0.766	20	
2-Nitrophenol	1.17	0.067	mg/kg	1.67	NA	70.1	30-130	35.5	20	
3,3-Dichlorobenzidine	1.07	0.33	mg/kg	1.67	NA	64.1	30-130	13.1	20	
3-/4-Methylphenol	1.13	0.17	mg/kg	1.67	NA	67.7	30-130	7.34	20	
3-Nitroaniline	1.14	0.17	mg/kg	1.67	NA	68.3	30-130	3.57	20	
4,6-Dinitro-2-methylphenol	1.14	0.17	mg/kg	1.67	NA	68.3	30-130	6.33	20	
4-Bromophenyl phenyl ether	1.16	0.067	mg/kg	1.67	NA	69.5	30-130	2.62	20	
4-Chloro-3-methylphenol	1.23	0.067	mg/kg	1.67	NA	73.7	50-110	14.8	20	
4-Chloroaniline	1.08	0.17	mg/kg	1.67	NA	64.7	30-130	18.3	20	
4-Chlorophenyl phenyl ether	1.16	0.067	mg/kg	1.67	NA	69.5	30-130	9.01	20	
4-Nitroaniline	1.16	0.067	mg/kg	1.67	NA	69.5	30-130	9.05	20	
4-Nitrophenol	1.33	0.067	mg/kg	1.67	NA	79.6	30-80	2.23	20	
Acenaphthene	1.15	0.067	mg/kg	1.67	NA	68.9	50-110	13.0	20	
Acenaphthylene	1.01	0.067	mg/kg	1.67	NA	60.5	30-130	14.0	20	
Aniline	1.08	0.17	mg/kg	1.67	NA	64.7	30-130	12.0	30	
Anthracene	1.41	0.067	mg/kg	1.67	NA	84.4	30-130	3.61	20	
Benz(a)anthracene	1.17	0.067	mg/kg	1.67	NA	70.1	30-130	8.98	20	
Benzo(a)pyrene	1.21	0.067	mg/kg	1.67	NA	72.5	30-130	9.45	20	
Benzo(b)fluoranthene	1.21	0.067	mg/kg	1.67	NA	72.5	30-130	0.00	20	
Benzo(g,h,i)perylene	1.24	0.067	mg/kg	1.67	NA	74.3	30-130	12.8	20	
Benzo(k)fluoranthene	1.17	0.067	mg/kg	1.67	NA	70.1	30-130	9.76	20	
Benzyl alcohol	1.13	0.067	mg/kg	1.67	NA	67.7	30-130	18.4	20	
bis(2-Chloroethoxy)methane	1.12	0.067	mg/kg	1.67	NA	67.1	30-130	24.8	20	
Bis(2-Chloroethyl)ether	1.09	0.067	mg/kg	1.67	NA	65.3	30-130	11.5	30	
Bis(2-chloroisopropyl)ether	1.13	0.067	mg/kg	1.67	NA	67.7	30-130	32.4	20	
Bis(2-Ethylhexyl)phthalate	1.13	0.33	mg/kg	1.67	NA	67.7	30-130	11.7	20	
Butyl benzyl phthalate	1.18	0.067	mg/kg	1.67	NA	70.7	30-130	7.35	20	
Carbazole	1.29	0.067	mg/kg	1.67	NA	77.2	30-130	0.778	20	
Chrysene	1.22	0.067	mg/kg	1.67	NA	73.1	30-130	6.35	20	
Dibenz(a,h)anthracene	1.21	0.067	mg/kg	1.67	NA	72.5	30-130	11.7	20	
Dibenzofuran	1.14	0.067	mg/kg	1.67	NA	68.3	30-130	8.22	20	

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Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0357 - EPA 3545

Laboratory Control Sample Duplicate (B8C0357-BSD1)

Prepared: 03/24/08 Analyzed: 03/31/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diethylphthalate	1.25	0.067	mg/kg	1.67	NA	74.9	30-130	6.61	20	
Dimethyl phthalate	1.21	0.067	mg/kg	1.67	NA	72.5	30-130	9.52	20	
Di-n-butyl phthalate	1.24	0.33	mg/kg	1.67	NA	74.3	30-130	0.803	20	
Di-n-octyl phthalate	1.20	0.067	mg/kg	1.67	NA	71.9	30-130	11.0	20	
Fluoranthene	1.20	0.067	mg/kg	1.67	NA	71.9	30-130	2.47	20	
Fluorene	1.18	0.067	mg/kg	1.67	NA	70.7	30-130	8.85	20	
Hexachlorobenzene	1.27	0.067	mg/kg	1.67	NA	76.0	30-130	1.59	20	
Hexachlorobutadiene	1.09	0.067	mg/kg	1.67	NA	65.3	30-130	30.2	20	
Hexachlorocyclopentadiene	0.962	0.17	mg/kg	1.67	NA	57.6	30-130	36.4	20	
Hexachloroethane	1.07	0.067	mg/kg	1.67	NA	64.1	30-130	20.5	20	
Indeno(1,2,3-cd)pyrene	1.26	0.067	mg/kg	1.67	NA	75.4	30-130	7.63	20	
Isophorone	1.26	0.067	mg/kg	1.67	NA	75.4	30-130	21.1	20	
Naphthalene	1.15	0.067	mg/kg	1.67	NA	68.9	30-130	27.3	20	
Nitrobenzene	1.20	0.067	mg/kg	1.67	NA	71.9	30-130	30.8	20	
N-Nitrosodimethylamine	0.986	0.067	mg/kg	1.67	NA	59.0	30-130	6.60	30	
N-Nitrosodi-n-propylamine	1.25	0.067	mg/kg	1.67	NA	74.9	45-120	21.2	20	
N-Nitrosodiphenylamine	1.30	0.067	mg/kg	1.67	NA	77.8	30-130	5.53	20	
Pentachlorophenol	0.997	0.17	mg/kg	1.67	NA	59.7	45-115	5.18	20	
Phenanthrene	1.19	0.067	mg/kg	1.67	NA	71.3	30-130	0.844	20	
Phenol	1.16	0.067	mg/kg	1.67	NA	69.5	30-80	15.8	20	
Pyrene	1.21	0.067	mg/kg	1.67	NA	72.5	55-120	6.40	20	
Pyridine	0.869	0.067	mg/kg	1.67	NA	52.0	30-130	23.1	30	
Surrogate: 2,4,6-Tribromophenol	1.22		mg/kg	1.67	NA	73.1	30-150			
Surrogate: 2-Fluorobiphenyl	0.532		mg/kg	0.833	NA	63.9	30-104			
Surrogate: 2-Fluorophenol	1.05		mg/kg	1.67	NA	62.9	30-106			
Surrogate: Nitrobenzene-d5	0.579		mg/kg	0.833	NA	69.5	30-90			
Surrogate: Phenol-d6	1.11		mg/kg	1.67	NA	66.5	30-102			
Surrogate: Terphenyl-d14	0.467		mg/kg	0.833	NA	56.1	30-115			

Weston Solutions, Inc.
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Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0421 - EPA 3580A

Method Blank (B8C0421-BLK1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	< 90000	90000	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	< 90000	90000	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	< 90000	90000	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	< 90000	90000	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	< 90000	90000	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	< 90000	90000	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	< 90000	90000	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Chloroethyl)ether	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	

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Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0421 - EPA 3580A

Method Blank (B8C0421-BLK1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diethylphthalate	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	< 45000	45000	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	< 90000	90000	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	< 18000	18000	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	< 90000	90000	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	41800		ug/L	50000	NA	83.6	65-100			
Surrogate: 2-Fluorobiphenyl	16200		ug/L	25000	NA	64.8	59-101			
Surrogate: 2-Fluorophenol	41200		ug/L	50000	NA	82.4	30-75			vm
Surrogate: Nitrobenzene-d5	20200		ug/L	25000	NA	80.8	57-101			
Surrogate: Phenol-d6	38900		ug/L	50000	NA	77.8	30-75			vm
Surrogate: Terphenyl-d14	22700		ug/L	25000	NA	90.8	65-100			

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Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0421 - EPA 3580A

Laboratory Control Sample (B8C0421-BS1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	45400	45000	ug/L	50000	NA	90.8	30-120	NA	NA	
1,2-Dichlorobenzene	< 45000	45000	ug/L	50000	NA	76.4	30-130	NA	NA	
1,2-Diphenylhydrazine	45800	45000	ug/L	50000	NA	91.6	30-130	NA	NA	
1,3-Dichlorobenzene	< 45000	45000	ug/L	50000	NA	79.8	30-130	NA	NA	
1,4-Dichlorobenzene	< 45000	45000	ug/L	50000	NA	80.2	40-110	NA	NA	
2,4,5-Trichlorophenol	< 45000	45000	ug/L	50000	NA	72.0	30-130	NA	NA	
2,4,6-Trichlorophenol	< 45000	45000	ug/L	50000	NA	59.8	30-130	NA	NA	
2,4-Dichlorophenol	< 90000	90000	ug/L	50000	NA	86.6	30-130	NA	NA	
2,4-Dimethylphenol	< 45000	45000	ug/L	50000	NA	88.0	30-130	NA	NA	
2,4-Dinitrophenol	< 45000	45000	ug/L	50000	NA	NA	30-130	NA	NA	
2,4-Dinitrotoluene	66600	45000	ug/L	50000	NA	133	60-120	NA	NA	
2,6-Dinitrotoluene	62800	45000	ug/L	50000	NA	126	30-130	NA	NA	
2-Chloronaphthalene	< 45000	45000	ug/L	50000	NA	64.6	30-130	NA	NA	
2-Chlorophenol	< 90000	90000	ug/L	50000	NA	76.8	40-100	NA	NA	
2-Methylnaphthalene	45200	45000	ug/L	50000	NA	90.4	30-130	NA	NA	
2-Methylphenol	< 90000	90000	ug/L	50000	NA	89.2	30-130	NA	NA	
2-Nitroaniline	< 45000	45000	ug/L	50000	NA	NA	30-130	NA	NA	
2-Nitrophenol	< 90000	90000	ug/L	50000	NA	74.2	30-130	NA	NA	
3,3-Dichlorobenzidine	< 45000	45000	ug/L	50000	NA	82.2	30-130	NA	NA	
3-/4-Methylphenol	< 90000	90000	ug/L	50000	NA	88.4	30-130	NA	NA	
3-Nitroaniline	48400	45000	ug/L	50000	NA	96.8	30-130	NA	NA	
4,6-Dinitro-2-methylphenol	< 90000	90000	ug/L	50000	NA	NA	30-130	NA	NA	
4-Bromophenyl phenyl ether	< 45000	45000	ug/L	50000	NA	60.4	30-130	NA	NA	
4-Chloro-3-methylphenol	47800	45000	ug/L	50000	NA	95.6	50-110	NA	NA	
4-Chloroaniline	< 45000	45000	ug/L	50000	NA	70.8	30-130	NA	NA	
4-Chlorophenyl phenyl ether	51800	18000	ug/L	50000	NA	104	30-130	NA	NA	
4-Nitroaniline	< 45000	45000	ug/L	50000	NA	NA	30-130	NA	NA	
4-Nitrophenol	< 45000	45000	ug/L	50000	NA	NA	30-80	NA	NA	
Acenaphthene	41200	18000	ug/L	50000	NA	82.4	50-110	NA	NA	
Acenaphthylene	39000	18000	ug/L	50000	NA	78.0	30-130	NA	NA	
Aniline	< 45000	45000	ug/L	50000	NA	74.0	30-130	NA	NA	
Anthracene	49500	18000	ug/L	50000	NA	99.0	30-130	NA	NA	
Benz(a)anthracene	41000	18000	ug/L	50000	NA	82.0	30-130	NA	NA	
Benzo(a)pyrene	45700	18000	ug/L	50000	NA	91.4	30-130	NA	NA	
Benzo(b)fluoranthene	40700	18000	ug/L	50000	NA	81.4	30-130	NA	NA	
Benzo(g,h,i)perylene	36800	18000	ug/L	50000	NA	73.6	30-130	NA	NA	
Benzo(k)fluoranthene	51800	18000	ug/L	50000	NA	104	30-130	NA	NA	
Benzyl alcohol	< 90000	90000	ug/L	50000	NA	71.8	30-130	NA	NA	
bis(2-Chloroethoxy)methane	< 45000	45000	ug/L	50000	NA	85.6	30-130	NA	NA	
Bis(2-Chloroethyl)ether	46200	45000	ug/L	50000	NA	92.4	30-130	NA	NA	
Bis(2-chloroisopropyl)ether	< 45000	45000	ug/L	50000	NA	83.4	30-130	NA	NA	
Bis(2-Ethylhexyl)phthalate	48700	45000	ug/L	50000	NA	97.4	30-130	NA	NA	
Butyl benzyl phthalate	61500	45000	ug/L	50000	NA	123	30-130	NA	NA	
Carbazole	57500	45000	ug/L	50000	NA	115	30-130	NA	NA	
Chrysene	39900	18000	ug/L	50000	NA	79.8	30-130	NA	NA	
Dibenz(a,h)anthracene	34200	18000	ug/L	50000	NA	68.4	30-130	NA	NA	
Dibenzofuran	< 45000	45000	ug/L	50000	NA	83.0	30-130	NA	NA	

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Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0421 - EPA 3580A

Laboratory Control Sample (B8C0421-BS1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diethylphthalate	99000	45000	ug/L	50000	NA	198	30-130	NA	NA	
Dimethyl phthalate	71300	45000	ug/L	50000	NA	143	30-130	NA	NA	
Di-n-butyl phthalate	< 45000	45000	ug/L	50000	NA	86.8	30-130	NA	NA	
Di-n-octyl phthalate	49300	45000	ug/L	50000	NA	98.6	30-130	NA	NA	
Fluoranthene	42400	18000	ug/L	50000	NA	84.8	30-130	NA	NA	
Fluorene	67500	18000	ug/L	50000	NA	135	30-130	NA	NA	
Hexachlorobenzene	< 45000	45000	ug/L	50000	NA	69.8	30-130	NA	NA	
Hexachlorobutadiene	< 45000	45000	ug/L	50000	NA	82.8	30-130	NA	NA	
Hexachlorocyclopentadiene	< 45000	45000	ug/L	50000	NA	73.4	30-130	NA	NA	
Hexachloroethane	< 45000	45000	ug/L	50000	NA	78.2	30-130	NA	NA	
Indeno(1,2,3-cd)pyrene	31600	18000	ug/L	50000	NA	63.2	30-130	NA	NA	
Isophorone	48000	45000	ug/L	50000	NA	96.0	30-130	NA	NA	
Naphthalene	< 45000	45000	ug/L	50000	NA	81.6	30-130	NA	NA	
Nitrobenzene	< 45000	45000	ug/L	50000	NA	85.8	30-130	NA	NA	
N-Nitrosodimethylamine	< 45000	45000	ug/L	50000	NA	86.2	30-130	NA	NA	
N-Nitrosodi-n-propylamine	57600	45000	ug/L	50000	NA	115	45-120	NA	NA	
N-Nitrosodiphenylamine	57000	45000	ug/L	50000	NA	114	30-130	NA	NA	
Pentachlorophenol	50000	45000	ug/L	50000	NA	100	45-115	NA	NA	
Phenanthrene	45100	18000	ug/L	50000	NA	90.2	30-130	NA	NA	
Phenol	< 90000	90000	ug/L	50000	NA	80.6	30-80	NA	NA	
Pyrene	49400	18000	ug/L	50000	NA	98.8	55-120	NA	NA	
Pyridine	< 90000	90000	ug/L	50000	NA	100	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	37400		ug/L	50000	NA	74.8	65-100			
Surrogate: 2-Fluorobiphenyl	16200		ug/L	25000	NA	64.8	59-101			
Surrogate: 2-Fluorophenol	35400		ug/L	50000	NA	70.8	30-75			
Surrogate: Nitrobenzene-d5	20800		ug/L	25000	NA	83.2	57-101			
Surrogate: Phenol-d6	42400		ug/L	50000	NA	84.8	30-75			vm
Surrogate: Terphenyl-d14	20900		ug/L	25000	NA	83.6	65-100			

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Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0421 - EPA 3580A

Laboratory Control Sample Duplicate (B8C0421-BSD1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	< 45000	45000	ug/L	50000	NA	75.2	30-120	18.8	20	
1,2-Dichlorobenzene	< 45000	45000	ug/L	50000	NA	77.0	30-130	0.782	20	
1,2-Diphenylhydrazine	48300	45000	ug/L	50000	NA	96.6	30-130	5.31	20	
1,3-Dichlorobenzene	< 45000	45000	ug/L	50000	NA	81.0	30-130	1.49	20	
1,4-Dichlorobenzene	< 45000	45000	ug/L	50000	NA	77.2	40-110	3.81	20	
2,4,5-Trichlorophenol	< 45000	45000	ug/L	50000	NA	73.6	30-130	2.20	20	
2,4,6-Trichlorophenol	< 45000	45000	ug/L	50000	NA	67.6	30-130	12.2	20	
2,4-Dichlorophenol	< 90000	90000	ug/L	50000	NA	70.4	30-130	20.6	20	
2,4-Dimethylphenol	49000	45000	ug/L	50000	NA	98.0	30-130	10.8	20	
2,4-Dinitrophenol	< 45000	45000	ug/L	50000	NA	NA	30-130	NA	20	
2,4-Dinitrotoluene	118000	45000	ug/L	50000	NA	236	60-120	55.7	20	
2,6-Dinitrotoluene	104000	45000	ug/L	50000	NA	208	30-130	49.4	20	
2-Chloronaphthalene	< 45000	45000	ug/L	50000	NA	63.6	30-130	1.56	20	
2-Chlorophenol	< 90000	90000	ug/L	50000	NA	87.0	40-100	12.5	20	
2-Methylnaphthalene	< 45000	45000	ug/L	50000	NA	82.8	30-130	8.78	20	
2-Methylphenol	< 90000	90000	ug/L	50000	NA	91.8	30-130	2.87	20	
2-Nitroaniline	53300	45000	ug/L	50000	NA	107	30-130	NA	20	
2-Nitrophenol	< 90000	90000	ug/L	50000	NA	77.4	30-130	4.22	20	
3,3-Dichlorobenzidine	< 45000	45000	ug/L	50000	NA	69.2	30-130	17.2	20	
3-/4-Methylphenol	< 90000	90000	ug/L	50000	NA	80.4	30-130	9.48	20	
3-Nitroaniline	< 45000	45000	ug/L	50000	NA	NA	30-130	NA	20	
4,6-Dinitro-2-methylphenol	< 90000	90000	ug/L	50000	NA	NA	30-130	NA	20	
4-Bromophenyl phenyl ether	< 45000	45000	ug/L	50000	NA	65.2	30-130	7.64	20	
4-Chloro-3-methylphenol	46200	45000	ug/L	50000	NA	92.4	50-110	3.40	20	
4-Chloroaniline	< 45000	45000	ug/L	50000	NA	68.6	30-130	3.16	20	
4-Chlorophenyl phenyl ether	50000	18000	ug/L	50000	NA	100	30-130	3.54	20	
4-Nitroaniline	104000	45000	ug/L	50000	NA	208	30-130	NA	20	
4-Nitrophenol	< 45000	45000	ug/L	50000	NA	NA	30-80	NA	20	
Acenaphthene	47600	18000	ug/L	50000	NA	95.2	50-110	14.4	20	
Acenaphthylene	40600	18000	ug/L	50000	NA	81.2	30-130	4.02	20	
Aniline	< 45000	45000	ug/L	50000	NA	67.8	30-130	8.74	30	
Anthracene	50700	18000	ug/L	50000	NA	101	30-130	2.40	20	
Benz(a)anthracene	42000	18000	ug/L	50000	NA	84.0	30-130	2.41	20	
Benzo(a)pyrene	40100	18000	ug/L	50000	NA	80.2	30-130	13.1	20	
Benzo(b)fluoranthene	47500	18000	ug/L	50000	NA	95.0	30-130	15.4	20	
Benzo(g,h,i)perylene	34300	18000	ug/L	50000	NA	68.6	30-130	7.03	20	
Benzo(k)fluoranthene	39800	18000	ug/L	50000	NA	79.6	30-130	26.2	20	
Benzyl alcohol	< 90000	90000	ug/L	50000	NA	90.8	30-130	23.4	20	
bis(2-Chloroethoxy)methane	< 45000	45000	ug/L	50000	NA	74.0	30-130	14.5	20	
Bis(2-Chloroethyl)ether	< 45000	45000	ug/L	50000	NA	82.0	30-130	11.9	30	
Bis(2-chloroisopropyl)ether	< 45000	45000	ug/L	50000	NA	87.0	30-130	4.23	20	
Bis(2-Ethylhexyl)phthalate	50700	45000	ug/L	50000	NA	101	30-130	4.02	20	
Butyl benzyl phthalate	55400	45000	ug/L	50000	NA	111	30-130	10.4	20	
Carbazole	49900	45000	ug/L	50000	NA	99.8	30-130	14.2	20	
Chrysene	40600	18000	ug/L	50000	NA	81.2	30-130	1.74	20	
Dibenz(a,h)anthracene	32000	18000	ug/L	50000	NA	64.0	30-130	6.65	20	
Dibenzofuran	< 45000	45000	ug/L	50000	NA	85.6	30-130	3.08	20	

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
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Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0421 - EPA 3580A

Laboratory Control Sample Duplicate (B8C0421-BSD1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diethylphthalate	94100	45000	ug/L	50000	NA	188	30-130	5.08	20	
Dimethyl phthalate	56600	45000	ug/L	50000	NA	113	30-130	23.0	20	
Di-n-butyl phthalate	50000	45000	ug/L	50000	NA	100	30-130	14.1	20	
Di-n-octyl phthalate	45400	45000	ug/L	50000	NA	90.8	30-130	8.24	20	
Fluoranthene	47600	18000	ug/L	50000	NA	95.2	30-130	11.6	20	
Fluorene	71800	18000	ug/L	50000	NA	144	30-130	6.17	20	
Hexachlorobenzene	< 45000	45000	ug/L	50000	NA	73.6	30-130	5.30	20	
Hexachlorobutadiene	< 45000	45000	ug/L	50000	NA	74.8	30-130	10.2	20	
Hexachlorocyclopentadiene	< 45000	45000	ug/L	50000	NA	71.8	30-130	2.20	20	
Hexachloroethane	< 45000	45000	ug/L	50000	NA	80.0	30-130	2.28	20	
Indeno(1,2,3-cd)pyrene	29700	18000	ug/L	50000	NA	59.4	30-130	6.20	20	
Isophorone	47100	45000	ug/L	50000	NA	94.2	30-130	1.89	20	
Naphthalene	< 45000	45000	ug/L	50000	NA	82.2	30-130	0.733	20	
Nitrobenzene	< 45000	45000	ug/L	50000	NA	78.6	30-130	8.76	20	
N-Nitrosodimethylamine	< 45000	45000	ug/L	50000	NA	84.0	30-130	2.59	30	
N-Nitrosodi-n-propylamine	51200	45000	ug/L	50000	NA	102	45-120	11.8	20	
N-Nitrosodiphenylamine	46100	45000	ug/L	50000	NA	92.2	30-130	21.1	20	
Pentachlorophenol	< 45000	45000	ug/L	50000	NA	NA	45-115	NA	20	
Phenanthrene	43200	18000	ug/L	50000	NA	86.4	30-130	4.30	20	
Phenol	< 90000	90000	ug/L	50000	NA	89.2	30-80	10.1	20	
Pyrene	46400	18000	ug/L	50000	NA	92.8	55-120	6.26	20	
Pyridine	< 90000	90000	ug/L	50000	NA	91.2	30-130	9.21	30	
Surrogate: 2,4,6-Tribromophenol	34600		ug/L	50000	NA	69.2	65-100			
Surrogate: 2-Fluorobiphenyl	15800		ug/L	25000	NA	63.2	59-101			
Surrogate: 2-Fluorophenol	38300		ug/L	50000	NA	76.6	30-75			vm
Surrogate: Nitrobenzene-d5	22000		ug/L	25000	NA	88.0	57-101			
Surrogate: Phenol-d6	44700		ug/L	50000	NA	89.4	30-75			vm
Surrogate: Terphenyl-d14	20500		ug/L	25000	NA	82.0	65-100			

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Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0422 - EPA 3580A

Method Blank (B8C0422-BLK1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	< 52	52	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	< 52	52	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	< 52	52	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	< 100	100	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	< 52	52	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	< 52	52	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	< 100	100	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	< 52	52	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	< 52	52	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Chloroethyl)ether	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	< 100	100	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	

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Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0422 - EPA 3580A

Method Blank (B8C0422-BLK1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diethylphthalate	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	< 100	100	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	< 52	52	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	< 20	20	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	46.9		mg/kg	56.2	NA	83.5	30-150			
Surrogate: 2-Fluorobiphenyl	18.2		mg/kg	28.1	NA	64.8	30-104			
Surrogate: 2-Fluorophenol	46.3		mg/kg	56.2	NA	82.4	30-106			
Surrogate: Nitrobenzene-d5	22.8		mg/kg	28.1	NA	81.1	30-90			
Surrogate: Phenol-d6	43.7		mg/kg	56.2	NA	77.8	30-102			
Surrogate: Terphenyl-d14	25.5		mg/kg	28.1	NA	90.7	30-115			

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Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0422 - EPA 3580A

Laboratory Control Sample (B8C0422-BS1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	52.8	21	mg/kg	58.1	NA	90.9	30-120	NA	NA	
1,2-Dichlorobenzene	44.4	21	mg/kg	58.1	NA	76.4	30-130	NA	NA	
1,2-Diphenylhydrazine	53.3	21	mg/kg	58.1	NA	91.7	30-130	NA	NA	
1,3-Dichlorobenzene	46.4	21	mg/kg	58.1	NA	79.9	30-130	NA	NA	
1,4-Dichlorobenzene	46.7	21	mg/kg	58.1	NA	80.4	40-110	NA	NA	
2,4,5-Trichlorophenol	41.9	21	mg/kg	58.1	NA	72.1	30-130	NA	NA	
2,4,6-Trichlorophenol	34.7	21	mg/kg	58.1	NA	59.7	30-130	NA	NA	
2,4-Dichlorophenol	50.3	21	mg/kg	58.1	NA	86.6	30-130	NA	NA	
2,4-Dimethylphenol	< 53	53	mg/kg	58.1	NA	88.1	30-130	NA	NA	
2,4-Dinitrophenol	< 53	53	mg/kg	58.1	NA	NA	30-130	NA	NA	
2,4-Dinitrotoluene	77.4	21	mg/kg	58.1	NA	133	60-120	NA	NA	
2,6-Dinitrotoluene	73.0	21	mg/kg	58.1	NA	126	30-130	NA	NA	
2-Chloronaphthalene	37.6	21	mg/kg	58.1	NA	64.7	30-130	NA	NA	
2-Chlorophenol	44.7	21	mg/kg	58.1	NA	76.9	40-100	NA	NA	
2-Methylnaphthalene	52.5	21	mg/kg	58.1	NA	90.4	30-130	NA	NA	
2-Methylphenol	< 53	53	mg/kg	58.1	NA	89.3	30-130	NA	NA	
2-Nitroaniline	< 21	21	mg/kg	58.1	NA	NA	30-130	NA	NA	
2-Nitrophenol	43.1	21	mg/kg	58.1	NA	74.2	30-130	NA	NA	
3,3-Dichlorobenzidine	< 100	100	mg/kg	58.1	NA	82.3	30-130	NA	NA	
3-/4-Methylphenol	< 53	53	mg/kg	58.1	NA	88.5	30-130	NA	NA	
3-Nitroaniline	56.3	53	mg/kg	58.1	NA	96.9	30-130	NA	NA	
4,6-Dinitro-2-methylphenol	< 110	110	mg/kg	58.1	NA	NA	30-130	NA	NA	
4-Bromophenyl phenyl ether	35.1	21	mg/kg	58.1	NA	60.4	30-130	NA	NA	
4-Chloro-3-methylphenol	55.6	21	mg/kg	58.1	NA	95.7	50-110	NA	NA	
4-Chloroaniline	< 53	53	mg/kg	58.1	NA	70.7	30-130	NA	NA	
4-Chlorophenyl phenyl ether	60.2	21	mg/kg	58.1	NA	104	30-130	NA	NA	
4-Nitroaniline	< 21	21	mg/kg	58.1	NA	NA	30-130	NA	NA	
4-Nitrophenol	< 21	21	mg/kg	58.1	NA	NA	30-80	NA	NA	
Acenaphthene	47.9	21	mg/kg	58.1	NA	82.4	50-110	NA	NA	
Acenaphthylene	45.3	21	mg/kg	58.1	NA	78.0	30-130	NA	NA	
Aniline	< 53	53	mg/kg	58.1	NA	74.0	30-130	NA	NA	
Anthracene	57.6	21	mg/kg	58.1	NA	99.1	30-130	NA	NA	
Benz(a)anthracene	47.6	21	mg/kg	58.1	NA	81.9	30-130	NA	NA	
Benzo(a)pyrene	53.2	21	mg/kg	58.1	NA	91.6	30-130	NA	NA	
Benzo(b)fluoranthene	47.3	21	mg/kg	58.1	NA	81.4	30-130	NA	NA	
Benzo(g,h,i)perylene	42.8	21	mg/kg	58.1	NA	73.7	30-130	NA	NA	
Benzo(k)fluoranthene	60.2	21	mg/kg	58.1	NA	104	30-130	NA	NA	
Benzyl alcohol	41.8	21	mg/kg	58.1	NA	71.9	30-130	NA	NA	
bis(2-Chloroethoxy)methane	49.7	21	mg/kg	58.1	NA	85.5	30-130	NA	NA	
Bis(2-Chloroethyl)ether	53.7	21	mg/kg	58.1	NA	92.4	30-130	NA	NA	
Bis(2-chloroisopropyl)ether	48.5	21	mg/kg	58.1	NA	83.5	30-130	NA	NA	
Bis(2-Ethylhexyl)phthalate	< 100	100	mg/kg	58.1	NA	97.4	30-130	NA	NA	
Butyl benzyl phthalate	71.5	21	mg/kg	58.1	NA	123	30-130	NA	NA	
Carbazole	66.9	21	mg/kg	58.1	NA	115	30-130	NA	NA	
Chrysene	46.4	21	mg/kg	58.1	NA	79.9	30-130	NA	NA	
Dibenz(a,h)anthracene	39.8	21	mg/kg	58.1	NA	68.5	30-130	NA	NA	
Dibenzofuran	48.2	21	mg/kg	58.1	NA	83.0	30-130	NA	NA	

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Project Mgr: Thomas P. Wagner
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Semivolatile Organic Compounds - Quality Control

Batch B8C0422 - EPA 3580A

Laboratory Control Sample (B8C0422-BS1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diethylphthalate	115	21	mg/kg	58.1	NA	198	30-130	NA	NA	
Dimethyl phthalate	82.9	21	mg/kg	58.1	NA	143	30-130	NA	NA	
Di-n-butyl phthalate	< 100	100	mg/kg	58.1	NA	86.7	30-130	NA	NA	
Di-n-octyl phthalate	57.3	21	mg/kg	58.1	NA	98.6	30-130	NA	NA	
Fluoranthene	49.3	21	mg/kg	58.1	NA	84.9	30-130	NA	NA	
Fluorene	78.5	21	mg/kg	58.1	NA	135	30-130	NA	NA	
Hexachlorobenzene	40.6	21	mg/kg	58.1	NA	69.9	30-130	NA	NA	
Hexachlorobutadiene	48.1	21	mg/kg	58.1	NA	82.8	30-130	NA	NA	
Hexachlorocyclopentadiene	42.7	21	mg/kg	58.1	NA	73.5	30-130	NA	NA	
Hexachloroethane	45.4	21	mg/kg	58.1	NA	78.1	30-130	NA	NA	
Indeno(1,2,3-cd)pyrene	36.7	21	mg/kg	58.1	NA	63.2	30-130	NA	NA	
Isophorone	55.8	21	mg/kg	58.1	NA	96.0	30-130	NA	NA	
Naphthalene	47.4	21	mg/kg	58.1	NA	81.6	30-130	NA	NA	
Nitrobenzene	49.9	21	mg/kg	58.1	NA	85.9	30-130	NA	NA	
N-Nitrosodimethylamine	50.1	21	mg/kg	58.1	NA	86.2	30-130	NA	NA	
N-Nitrosodi-n-propylamine	67.0	21	mg/kg	58.1	NA	115	45-120	NA	NA	
N-Nitrosodiphenylamine	66.2	21	mg/kg	58.1	NA	114	30-130	NA	NA	
Pentachlorophenol	58.2	53	mg/kg	58.1	NA	100	45-115	NA	NA	
Phenanthrene	52.4	21	mg/kg	58.1	NA	90.2	30-130	NA	NA	
Phenol	46.9	21	mg/kg	58.1	NA	80.7	30-80	NA	NA	
Pyrene	57.5	21	mg/kg	58.1	NA	99.0	55-120	NA	NA	
Pyridine	58.2	21	mg/kg	58.1	NA	100	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	43.5		mg/kg	58.1	NA	74.9	30-150			
Surrogate: 2-Fluorobiphenyl	18.8		mg/kg	29.1	NA	64.6	30-104			
Surrogate: 2-Fluorophenol	41.1		mg/kg	58.1	NA	70.7	30-106			
Surrogate: Nitrobenzene-d5	24.2		mg/kg	29.1	NA	83.2	30-90			
Surrogate: Phenol-d6	49.3		mg/kg	58.1	NA	84.9	30-102			
Surrogate: Terphenyl-d14	24.3		mg/kg	29.1	NA	83.5	30-115			

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Semivolatile Organic Compounds - Quality Control

Batch B8C0422 - EPA 3580A

Laboratory Control Sample Duplicate (B8C0422-BSD1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	43.2	21	mg/kg	57.5	NA	75.1	30-120	20.0	20	
1,2-Dichlorobenzene	44.3	21	mg/kg	57.5	NA	77.0	30-130	0.225	20	
1,2-Diphenylhydrazine	55.6	21	mg/kg	57.5	NA	96.7	30-130	4.22	20	
1,3-Dichlorobenzene	46.6	21	mg/kg	57.5	NA	81.0	30-130	0.430	20	
1,4-Dichlorobenzene	44.4	21	mg/kg	57.5	NA	77.2	40-110	5.05	20	
2,4,5-Trichlorophenol	42.3	21	mg/kg	57.5	NA	73.6	30-130	0.950	20	
2,4,6-Trichlorophenol	38.8	21	mg/kg	57.5	NA	67.5	30-130	11.2	20	
2,4-Dichlorophenol	40.4	21	mg/kg	57.5	NA	70.3	30-130	21.8	20	
2,4-Dimethylphenol	56.3	53	mg/kg	57.5	NA	97.9	30-130	9.49	20	
2,4-Dinitrophenol	< 53	53	mg/kg	57.5	NA	NA	30-130	NA	20	
2,4-Dinitrotoluene	136	21	mg/kg	57.5	NA	237	60-120	54.9	20	
2,6-Dinitrotoluene	120	21	mg/kg	57.5	NA	209	30-130	48.7	20	
2-Chloronaphthalene	36.5	21	mg/kg	57.5	NA	63.5	30-130	2.97	20	
2-Chlorophenol	50.0	21	mg/kg	57.5	NA	87.0	40-100	11.2	20	
2-Methylnaphthalene	47.6	21	mg/kg	57.5	NA	82.8	30-130	9.79	20	
2-Methylphenol	< 53	53	mg/kg	57.5	NA	91.8	30-130	1.72	20	
2-Nitroaniline	61.2	21	mg/kg	57.5	NA	106	30-130	NA	20	
2-Nitrophenol	44.5	21	mg/kg	57.5	NA	77.4	30-130	3.20	20	
3,3-Dichlorobenzidine	< 100	100	mg/kg	57.5	NA	69.2	30-130	18.3	20	
3-/4-Methylphenol	< 53	53	mg/kg	57.5	NA	80.3	30-130	10.7	20	
3-Nitroaniline	< 53	53	mg/kg	57.5	NA	NA	30-130	NA	20	
4,6-Dinitro-2-methylphenol	< 110	110	mg/kg	57.5	NA	NA	30-130	NA	20	
4-Bromophenyl phenyl ether	37.4	21	mg/kg	57.5	NA	65.0	30-130	6.34	20	
4-Chloro-3-methylphenol	53.1	21	mg/kg	57.5	NA	92.3	50-110	4.60	20	
4-Chloroaniline	< 53	53	mg/kg	57.5	NA	68.5	30-130	4.22	20	
4-Chlorophenyl phenyl ether	57.5	21	mg/kg	57.5	NA	100	30-130	4.59	20	
4-Nitroaniline	119	21	mg/kg	57.5	NA	207	30-130	NA	20	
4-Nitrophenol	< 21	21	mg/kg	57.5	NA	NA	30-80	NA	20	
Acenaphthene	54.7	21	mg/kg	57.5	NA	95.1	50-110	13.3	20	
Acenaphthylene	46.7	21	mg/kg	57.5	NA	81.2	30-130	3.04	20	
Aniline	< 53	53	mg/kg	57.5	NA	67.8	30-130	9.76	30	
Anthracene	58.2	21	mg/kg	57.5	NA	101	30-130	1.04	20	
Benz(a)anthracene	48.3	21	mg/kg	57.5	NA	84.0	30-130	1.46	20	
Benzo(a)pyrene	46.1	21	mg/kg	57.5	NA	80.2	30-130	14.3	20	
Benzo(b)fluoranthene	54.6	21	mg/kg	57.5	NA	95.0	30-130	14.3	20	
Benzo(g,h,i)perylene	39.4	21	mg/kg	57.5	NA	68.5	30-130	8.27	20	
Benzo(k)fluoranthene	45.7	21	mg/kg	57.5	NA	79.5	30-130	27.4	20	
Benzyl alcohol	52.1	21	mg/kg	57.5	NA	90.6	30-130	21.9	20	
bis(2-Chloroethoxy)methane	42.5	21	mg/kg	57.5	NA	73.9	30-130	15.6	20	
Bis(2-Chloroethyl)ether	47.1	21	mg/kg	57.5	NA	81.9	30-130	13.1	30	
Bis(2-chloroisopropyl)ether	50.0	21	mg/kg	57.5	NA	87.0	30-130	3.05	20	
Bis(2-Ethylhexyl)phthalate	< 100	100	mg/kg	57.5	NA	101	30-130	2.79	20	
Butyl benzyl phthalate	63.6	21	mg/kg	57.5	NA	111	30-130	11.7	20	
Carbazole	57.3	21	mg/kg	57.5	NA	99.7	30-130	15.5	20	
Chrysene	46.7	21	mg/kg	57.5	NA	81.2	30-130	0.644	20	
Dibenz(a,h)anthracene	36.7	21	mg/kg	57.5	NA	63.8	30-130	8.10	20	
Dibenzofuran	49.2	21	mg/kg	57.5	NA	85.6	30-130	2.05	20	

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

Semivolatile Organic Compounds - Quality Control

Batch B8C0422 - EPA 3580A

Laboratory Control Sample Duplicate (B8C0422-BSD1)

Prepared: 03/26/08 Analyzed: 04/01/08

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diethylphthalate	108	21	mg/kg	57.5	NA	188	30-130	6.28	20	
Dimethyl phthalate	65.1	21	mg/kg	57.5	NA	113	30-130	24.1	20	
Di-n-butyl phthalate	< 100	100	mg/kg	57.5	NA	100	30-130	13.2	20	
Di-n-octyl phthalate	52.1	21	mg/kg	57.5	NA	90.6	30-130	9.51	20	
Fluoranthene	54.7	21	mg/kg	57.5	NA	95.1	30-130	10.4	20	
Fluorene	82.6	21	mg/kg	57.5	NA	144	30-130	5.09	20	
Hexachlorobenzene	42.3	21	mg/kg	57.5	NA	73.6	30-130	4.10	20	
Hexachlorobutadiene	43.0	21	mg/kg	57.5	NA	74.8	30-130	11.2	20	
Hexachlorocyclopentadiene	41.3	21	mg/kg	57.5	NA	71.8	30-130	3.33	20	
Hexachloroethane	46.0	21	mg/kg	57.5	NA	80.0	30-130	1.31	20	
Indeno(1,2,3-cd)pyrene	34.1	21	mg/kg	57.5	NA	59.3	30-130	7.34	20	
Isophorone	54.1	21	mg/kg	57.5	NA	94.1	30-130	3.09	20	
Naphthalene	47.3	21	mg/kg	57.5	NA	82.3	30-130	0.211	20	
Nitrobenzene	45.2	21	mg/kg	57.5	NA	78.6	30-130	9.88	20	
N-Nitrosodimethylamine	48.3	21	mg/kg	57.5	NA	84.0	30-130	3.66	30	
N-Nitrosodi-n-propylamine	58.9	21	mg/kg	57.5	NA	102	45-120	12.9	20	
N-Nitrosodiphenylamine	53.0	21	mg/kg	57.5	NA	92.2	30-130	22.1	20	
Pentachlorophenol	< 53	53	mg/kg	57.5	NA	NA	45-115	NA	20	
Phenanthrene	49.7	21	mg/kg	57.5	NA	86.4	30-130	5.29	20	
Phenol	51.3	21	mg/kg	57.5	NA	89.2	30-80	8.96	20	
Pyrene	53.3	21	mg/kg	57.5	NA	92.7	55-120	7.58	20	
Pyridine	52.4	21	mg/kg	57.5	NA	91.1	30-130	10.5	30	
Surrogate: 2,4,6-Tribromophenol	39.8		mg/kg	57.5	NA	69.2	30-150			
Surrogate: 2-Fluorobiphenyl	18.1		mg/kg	28.7	NA	63.1	30-104			
Surrogate: 2-Fluorophenol	44.1		mg/kg	57.5	NA	76.7	30-106			
Surrogate: Nitrobenzene-d5	25.2		mg/kg	28.7	NA	87.8	30-90			
Surrogate: Phenol-d6	51.4		mg/kg	57.5	NA	89.4	30-102			
Surrogate: Terphenyl-d14	23.6		mg/kg	28.7	NA	82.2	30-115			

BRAUN INTERTEC

11001 Hampshire Ave. S.
Minneapolis, MN 55438
952.995.2000 Phone
952.995.2020 Fax

Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061

Client Ref: Kens Metal Finishing Site
Client Contact: Ms. Tonya Balla
PO Number:

Work Order #: 0801412
Project Mgr: Thomas P. Wagner
Account ID:

For Braun Intertec Use Only Laboratory Work Order No.		BRAUN INTERTEC		REQUEST FOR LABORATORY ANALYTICAL SERVICES		IMPORTANT		Page ____ of ____	
0801412		Braun Intertec Corporation 11001 Hampshire Ave. S Minneapolis, MN 55438		Bottle orders and sampling inquiries: labservices@braunintertec.com Phone: 952-995-2600 Fax: 952-995-2601		Date Results Requested: _____ Time _____ Rush Charges Authorized? ____ Yes ____ No Rush / Quote # _____			
Contact Name <u>Tonya Balla</u>		Project ID/Name <u>Kens Metal Finishing</u>		P.O. #/Project # _____		Contact Name <u>Tonya Balla</u>		Company <u>Weston Solutions, Inc</u>	
Company <u>Weston Solutions, Inc</u>		Mailing Address <u>750 E. Bunker Ct. Ste 500</u>		Address <u>same</u>		City, State, Zip <u>Vernon Hills, IL 60061</u>		City, State, Zip _____	
Telephone # <u>847 918 4074</u>		Fax # _____		Telephone # _____		Fax # _____			
E-mail <u>T. Balla@westonsolutions.com</u>									
Special Instructions and/or Specific Regulatory Requirements: (method, limit of detection, petrofund, reporting units)						ANALYSIS REQUESTED (Enter an "X" in the box below to indicate request)			
						<input checked="" type="checkbox"/> TCL SVOCs <input checked="" type="checkbox"/> TCLP Metals <input checked="" type="checkbox"/> Corrosivity <input checked="" type="checkbox"/> Total Heavy Metals <input checked="" type="checkbox"/> Pb <input checked="" type="checkbox"/> PCBs <input checked="" type="checkbox"/> Flash Point			
LAB ID#	CLIENT SAMPLE IDENTIFICATION (IDs must be unique)	DATE SAMPLED	TIME SAMPLED	MATRIX MEDIA	VOLUME/AREA (specify units)	Number of Containers Metals Field Filtered Y/N	FOR LAB USE ONLY		
	KmF-Sm33	3/26/08	11:40	L	3500ml	4 N	X	X	X
	KmF-Dm26	3/26/08	11:46	L	3000ml	3 N	X	X	X
	KmF-V32	3/26/08	11:55	L	3500ml	4 N			
	KmF-Dm23	3/26/08	12:05	S	3500ml	4 N	X	X	X
	KmF-Dm20	3/26/08	12:12	S	3500ml	4 N	X	X	X
	KmF-Dm40	3/26/08	12:15	L	2500ml	3 N	X	X	X
	KmF-Sm24	3/26/08	12:20	S	3500ml	4 N	X	X	X
	KmF-V27	3/26/08	12:24	L	3000ml	3 N	X	X	X
	KmF-V3	3/26/08	12:30	L	3000ml	3 N	X	X	X
	KmF-V1	3/26/08	12:35	L	3000ml	3 N	X	X	X
	KmF-Sm32	3/26/08	12:40	L	700ml	2 N	X	X	X
	KmF-Dm23D	3/26/08	14:54	S	3500ml	4 N	X	X	X
	KmF-S1	3/26/08	15:50	Soil	1500ml	3 N	X	X	X
	KmF-S2	3/26/08	15:00	Soil	1500ml	3 N	X	X	X
CHAIN OF CUSTODY		Collected by: (Print) <u>Jody Dillon</u>		Collector's Signature: <u>[Signature]</u>		Received by: _____		Date/Time _____	
		Relinquished by: <u>Jody Dillon</u>		Date/Time <u>3/26/08 15:50</u>		Received Not Verified: _____		Date/Time _____	
		Relinquished by: <u>[Signature]</u>		Date/Time <u>3/26/08 16:20</u>		Received Contents Verified: <u>[Signature]</u>		Date/Time <u>3/26/08 16:20</u>	
Custody Seal Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Hand Delivered by Client <input checked="" type="checkbox"/>				Comments: _____			
On Ice <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
Temp Blank <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
Temp: <u>5.2 °C</u> , <u>0.4</u> , <u>1.6</u> , <u>0.2</u>									

Form # CS02.03 F:\Groups\QA-QC\Farms\clientservices\DOC-CS02 Effective Date: 10/10/07