APPENDIX S

REPORTS RESOLVING POST-RWP IMPLEMENTATION ISSUES

1. Buried Object Report submitted to the NYSDEC on 11/28/2006
2. Northwest Corner Seepage Repair report submitted to the NYSDEC on 02/01/2007, with the fingerprint analysis report on the DVD

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

November 28, 2006
5582407

Mr. Douglas MacNeal
NYSDEC
625 Broadway
Albany, New York 12233-7017

Re: Buried Object Closure Report
Remedial Action Work Plan Implementation
West 42nd Street MGP/River Place II
BCA Nos. C231024 and C231012
600 West 42nd Street
New York, New York

Dear Mr. MacNeal:

This letter documents the investigation for a buried object, tentatively identified as an underground storage tank (UST) during soil borings on the referenced Brownfield Cleanup Program property located at 600 West 42nd Street in New York, New York (the "Site"). The Site is located between 41st Street and 42nd Street and extends approximately 307 feet west from the west edge of the sidewalk on Eleventh Avenue. The Site includes the whole of tax Block 1089, Lot 3 and a portion of Lot 1. The Site is currently being remediated under Brownfield Cleanup Agreement (BCA); site identification numbers C231012 and C231024, pursuant to a New York State Department of Environmental Conservation (NYSDEC) approved Remedial Work Plan, West 42nd Street Former Manufactured Gas Plant Site (RWP). The buried object was located in the northeastern portion of the Site, wholly within Lot 3, BCA ID number C231012. A detailed discussion of Site conditions is provided in the RWP.

The RWP is being implemented by River Place II, LLC and Consolidated Edison, the joint Participants in the BCA. The Participants retained Seasons Industrial Contracting, Inc. (Seasons) as their Remediation Contractor. Langan Engineering and Environmental Services, P.C. (Langan) is the Remedial Engineer of record and is present to oversee, document and certify the remediation. Remedial activities conducted to-date includes excavation of the entire site to an approximate depth of 25 feet below grade. The entire Site was backfilled with 4 to 5 feet of clean, recycled concrete (RCA). The current excavation is being conducted to accommodate a revised building design the details of which have been provided.

OBJECT DISCOVERY AND INVESTIGATION

The attached Figure A shows the outline of sheeting installed to facilitate the additional excavation noted above that is required for the new boiler room. In June 2006, we conducted

pre-excavation sampling to provide waste classification data that would allow us to load out the contaminated soil directly to a disposal facility. Geoprobe boring BR-1 met refusal at approximately 2 feet below the unexcavated material (approximately 7 feet below the top of the RCA.

On Wednesday, November 22, 2006, we were in the process of removing and stockpiling the RCA and beginning to excavate and stockpile the MGP in the expected general vicinity of the buried object. In the event that the object was located, work would cease at that location and the DEC would be given 48 hour notification before further action was undertaken. If what was found was the UST, our procedure would be to sample and identify its contents and then call in Brookside Environmental to proceed with proper cleaning and closure. Brookside is the NYC licensed UST removal company who handled the USTs found during implementation of the RWP.

Seasons Industrial Contracting excavated the area surrounding boring location BR-1 with a Caterpillar 320 bucket excavator. The excavation, with the former boring location approximately in the middle, was 20 by 21 feet in area and 3.5 to 4 feet in depth below the clay surface. Numerous timber piles, each approximately ¾ foot in diameter, were encountered. All of the pile surfaces were coated with a tarry material that had a naphthalene odor. An approximately half-foot square section of unknown non-metallic material was observed approximately halfway down in the excavation (see Figure A). No evidence of the possible metal object was observed in the excavation. A wood stake has been left in the excavation at the approximate location of BR-1. You are welcome to observe the area when you are present for the excavation in the NW corner.

Figure A shows the extent of the excavation conducted to expose the buried object. Several photos of the excavation are also provided for your review.

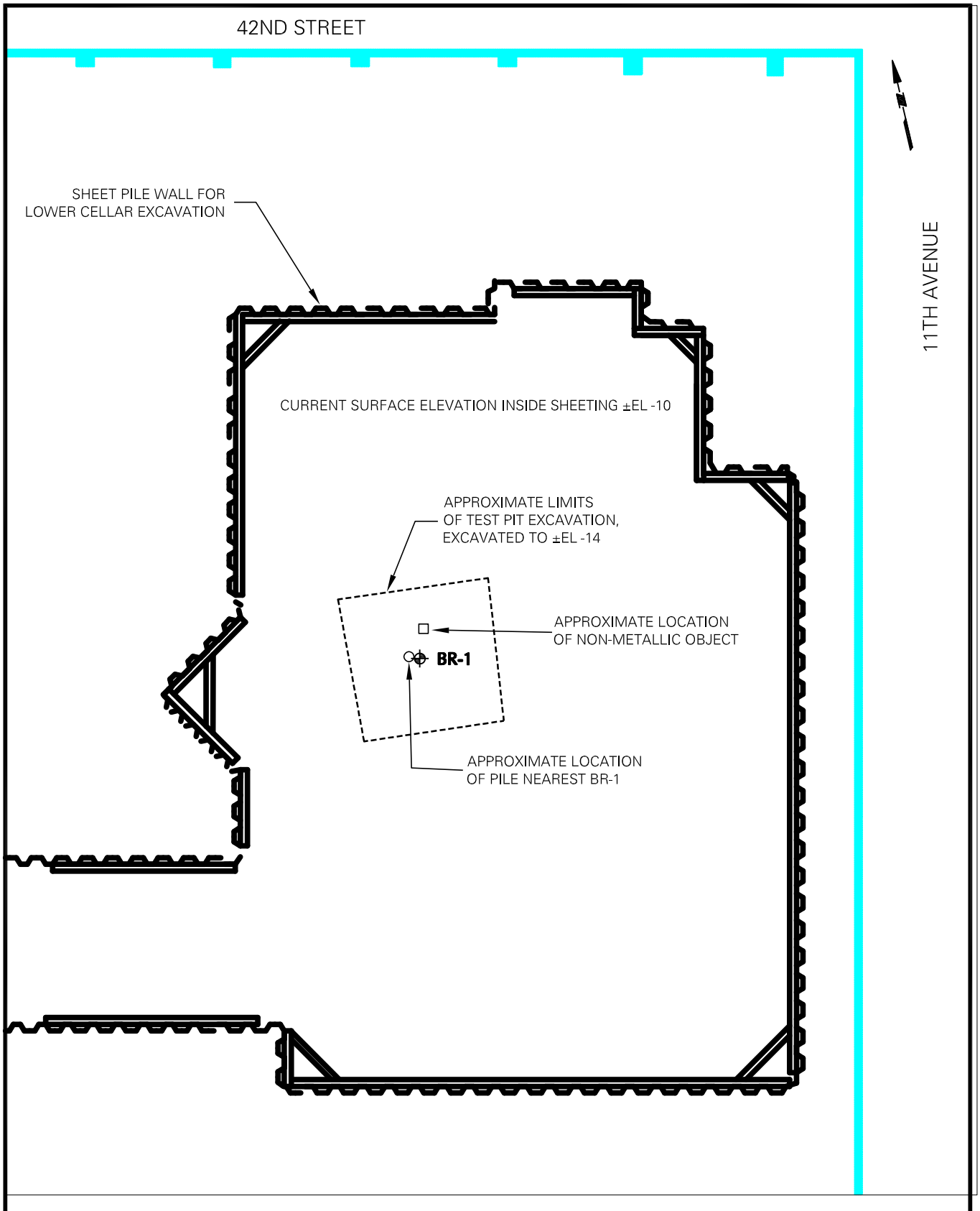
Based on our findings, no metal objects and no UST were identified. The timber piles discovered supported the timber platform upon which the gas holders were constructed. It was these piles that resulted in boring refusal. Our search for the metal object was comprehensive, as can be seen from the photos and figure. We believe that this closes the buried object, suspect UST issue and request your acknowledgement. Obviously, if we do find a structure, we will follow the protocol previously discussed.

Very truly yours,
Langan Engineering & Environmental Services, P.C.

Joel B Landes

Joel Landes, P.E.
Associate

cc. W. Dacunto – SPI
R. Rienzo – Con Edison
S. Gordon – Beveridge & Diamond LLC



LANGAN
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NEW JERSEY PENNSYLVANIA NEW YORK CONNECTICUT FLORIDA

RIVER PLACE II

TEST PIT AND BORING BR-1 LOCATION PLAN

MANHATTAN NEW YORK

Project No.	Date	Scale	Dwg. No.
5582407	11/22/06	NA	A

Filename: U:\Data4\5582407\Cadd Data - 5582407\Dwg\Unidentified Object Investigation.dwg Date: 11/27/2006 Time: 16:27 User: emuller Style Table: Langan.stb Layout: A Size Sheet (Bottom)

Figure 1. Overview of excavation. The wood stake indicates the approximate location of where the refusal was encountered.

Figure 2. Wood stake indicates approximate location where refusal was encountered. Note the timber pile that is in the same area.

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

1 February 2007

Mr. Douglas MacNeal
NYSDEC
625 Broadway
Albany, New York 12233-7017

Re: Northwest Corner Seepage Repair
Remedial Action Work Plan Implementation
West 42nd Street MGP/River Place II
BCA Nos. C231024 and C231012
600 West 42nd Street
New York, New York
Langan Project No. 5572407

Dear Mr. MacNeal:

This letter documents the sealing of the gaps between the bottom of the sheet piles and bedrock in the northwest corner of the excavation. The gaps had allowed seepage of contaminated groundwater and MGP-related dense non-aqueous phase liquid (DNAPL) into the excavation on the referenced Brownfield Cleanup Program property located at 600 West 42nd Street in New York, New York (the "Site"). The Site is located between West 41st Street and West 42nd Street and extends approximately 307 feet west from the west edge of the sidewalk on Eleventh Avenue. The Site includes the whole of tax Block 1089, Lot 3 and a portion of Lot 1. The Site is currently being remediated under Brownfield Cleanup Agreement (BCA); site identification numbers C231012 and C231024, pursuant to a New York State Department of Environmental Conservation (NYSDEC) approved Remedial Work Plan, West 42nd Street Former Manufactured Gas Plant Site (RWP). The groundwater seeped into the excavation at the sheetpile and bedrock interface at the northwest corner of the main excavation and is wholly within Lot 1, BCA ID number C231012. A detailed discussion of site conditions is provided in the RWP.

The RWP has been implemented by River Place II, LLC, the volunteer, and Consolidated Edison, the Participant in the BCA. Additional excavation to accommodate the final foundation design of the new buildings is being conducted pursuant to the NYSDEC-approved Site Management Plan. Seasons Industrial Contracting, Inc. (Seasons) is the Remediation Contractor. Langan Engineering and Environmental Services, P.C. (Langan) is the Remedial Engineer of record. Langan is present to oversee, document and certify the remediation. Remedial activities conducted to-date includes excavation of the entire site to an approximate

depth of 25 feet below grade and to the approximate depths of 38 to 47 feet below grade in select areas. The entire Site was backfilled with 4 to 5 feet of recycled concrete (RCA).

Seepage Discovery and Investigation

On August 22, 2006, a viscous, black liquid was observed seeping up to the surface in the extreme northwest corner of the remedial excavation. A fingerprint analysis of the black viscous liquid (Attachment A) concluded that the "diagnostic ratios… are similar to those that were formed from manufactured gas plants utilizing coal carbonization processes, as well as some coke oven tars, creosote and some other coal tar products." On November 30, 2006, Seasons completed an exploratory test pit to identify the source of groundwater influx.

The investigation identified a single source of the seepage: a gap between the bedrock and a section of a sheetpile, number 133. The location, as shown on the attached Drawing A, is 10 feet east of the excavation's northwest corner. The gap was approximately 4-inches wide and was located 29 inches below the existing grade at that time (approximately el. -8). The location of the leak was marked on the sheet pile above the existing grade and the excavation was filled with the material that had been excavated.

Seepage Repair

On December 12 and 13, Seasons attempted to seal the seepage area, which had expanded to include additional gaps up to 3 feet to the west of the original identified source. Seasons selected a method that involved making access ports just above the identified sources and then injecting fast-curing hydraulic cement. This initial attempt failed to seal the gaps.

The second approach to seal the seepage area, which ultimately proved successful, involved injecting grout into borings that were drilled from surface grade, behind the sheetpile wall. The initial attempt to drill the required borings was done by Warren George Inc., starting on December 22nd. On December 26, while being moved to a new boring location, the drill rig was tipped over, resulting in a gasoline and hydraulic oil spill onto the soil outside of the sheet pile wall and into the excavation. The spill response and closure details are provided in the section below. Two borings were completed by Warren George (G1 and G2) as shown on Drawing B.

On January 3, 2007, All Rock Crushing drilled three additional borings, (G3, G4, and G5) to add to the two that were completed by Warren George. Following the completion of these borings, Terra Drilling grouted the borings with approximately 1.25 cubic yards of cement grout. This action was successful in sealing approximately 75% of the known seepage area. However, the remaining length of gaps could not be sealed because the water flow washed out the grout that had been injected.

The seepage repair was completed on January 12 when All Rock Crushing drilled two additional borings (G6 and G7) into which Terra Drilling injected approximately 2.8 cubic yards of cement grout on the same day. To prevent the grout from washing out as before, geotextile was secured with a gravel base against the remaining seepage area. This barrier was successful in

minimizing the existing seepage sufficiently enough to allow the grout to set as intended. Drawing B shows the approximate location of all grout injection points.

The repair was confirmed to be successful on January 16 by visually observing that the seepage had effectively been stopped where the repairs were completed. At that time, Seasons excavated the imported RCA that had been previously placed there as clean cover and which had subsequently been impacted by the seepage. The areas that were excavated included an approximately 30 by 40 foot area that was adjacent to the seepage and the water channel that transported the contaminated groundwater to the dewatering pump located approximately in the middle of the north sheet pile wall. The 30 by 40 foot area was excavated down to the native soil (the original excavation depth). The water channel was excavated at least a foot into its sides.

Approximately 170 cubic yards of excavated soil was transported to and disposed at the Clean Earth of Philadelphia facility together with the remaining MGP-contaminated soil that was being excavated. The excavated areas where then backfilled with stockpiled clean RCA material after first laying down new geotextile fabric where needed. Photographs of contractors' repair work are attached. The disposal manifests will be included in the final report for this post RWP excavation.

Spill Response

As discussed above, the initial attempt to drill the required borings behind the sheet pile wall was performed by Warren George Inc. On December 26, while being moved to a new boring location with the assistance of hydraulic excavator, the drill rig tipped over. This resulted in a spill of approximately 10 gallons of gasoline and 5 gallons of hydraulic oil. We estimated that approximately two thirds of gasoline and hydraulic oil spilled into the excavation directly into the pond that had formed from the groundwater seepage. The NYSDEC project manager for the site, Douglas K. MacNeal, was immediately notified of the spill. Mr. MacNeal requested that the impacted area be excavated and disposed of along with the MGP-contaminated soil.

The impacted water was treated and discharged under the existing NYCDEP permit. A 15 foot long by 5 foot wide by 3 foot deep area where the spill occurred was excavated on January 13th, resulting in 8 to 9 cubic yards of impacted soil. An end-point sample, EPP2-8, was collected at the bottom of this excavation at the point of the spill. This soil was combined with the soil within the excavation and disposed with that soil at Clean Earth of Philadelphia. The presence of high-tensioned tiebacks directly below the area prevented a deep excavation from being completed. There are no specific manifests for disposal of this material since it was combined on stockpiles of MGP contaminated material and disposed of as such. Manifests for disposal accounting for all soil removed from the site will be provided in the report describing the additional excavation work.

Drawing C shows the extent of the excavation and the location of the endpoint sample. The laboratory report including all endpoint samples from the site is provided in Attachment B. The

excavation was backfilled with the stockpiled soil cover (imported recycled concrete) and will be covered by concrete pavement upon completion of construction. The results show that the soil outside the limits of the BCA metes and bounds is impacted consistent with the extent of impacts identified in the April 2004 Site Characterization Study.

We believe that this closes the northwest seepage and associated spill issue and request your acknowledgement.

Sincerely,

Langan Engineering & Environmental Services, P.C.

Joel Landes, P.E.
Associate

Enclosure(s):

Attachment A – Meta Environmental River Place II Environmental Forensic Report
Attachment B – Spectrum Analytical Laboratory Report, Endpoint Samples
Drawing A – Northwest Corner Seepage Location
Drawing B – Grout Injection Location Plan
Drawing C – NW Corner Spill Excavation and Endpoint Sample Location
Photos documenting the repair activities

cc. W. Dacunto – SPI
R. Rienzo – Con Edison
S. Gordon – Beveridge & Diamond, P.C.

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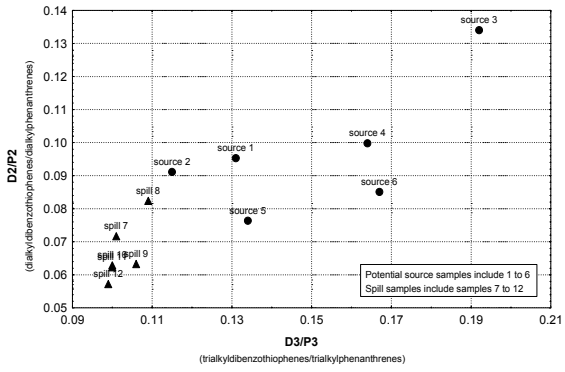
Environmental Forensic Report

River Place II

SDG: LA060823

Figure 1. Double Ratio Plot



Report To:

Langan Engineering
360 West 31st St
8th Floor
New York, NY 10001

Report By:

META Environmental, Inc.
49 Clarendon Street
Watertown, MA 02472

August 31, 2006

Identifying and allocating sources of pollutants in complex environments.

META Environmental, Inc.
ENGINEERING & CHEMISTRY

Final Laboratory Report

META Environmental, Inc.
49 Clarendon Street
Watertown, MA 02472

Phone: 617-923-4662
Fax: 617-923-4610
E-Mail meta@metaenv.com

Certification

This certifies that this package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed herein. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager and Quality Assurance Officer, as verified by the following signatures.

James A. Roush — Date: 8/31/06
Environmental Scientist, Laboratory Manager

David M. Mauro — Date: 8/31/06
Senior Scientist, Quality Assurance Officer

Sample Delivery Group Narrative

Project:	River Place II
	Langan Engineering 360 West 31st St 8th Floor New York, NY 10001
Report Contact:	Doane Cafferty
Dates of Receipt:	August 23, 2006
Sample Summary:	The sample received for this project is summarized in the attached sample login forms.
META Project Number:	L04011

Chain of Custody

The NAPL sample was received in good condition. The internal temperature of the shipment containers were as follows:

Sample received: 8/23/2006 25.1°C

Internal chain of custody procedures were followed after sample receipt. Samples were stored in a locked refrigerator. A sample custody logbook contains the record of sample removal from the secure sample storage area to the sample preparation laboratory. The custody record for the sample extracts is present on the sample extraction logbook page.

The disposal of samples and extracts will be authorized one month after the release of this data report. Sample disposal will be documented.

Methods

The NAPL sample was prepared by waste dilution (EPA 3580) using dichloromethane (DCM). The extracts were spiked with internal standard and analyzed by GC/FID (EPA 8100M) and GC/MS/SIM (EPA 8270M).

Results

Sample results are presented in summary forms (CLP Form 1 equivalent) which follow this narrative.

Quality Control

Analyte Flags

The detection limits were determined as the sample equivalent of the lowest linear initial calibration standard. Analytes measured between 50% and 100% of the lowest standard were reported as "estimated" and flagged with the letter "J." Undetected analytes were reported as null and flagged with the letter, "U." Analytes marked with a "B" were detected in the associated blank and should be reviewed for a possible positive bias. No deviations were thought significant enough to compromise the integrity of the reported values.

Holding Times

The NAPL sample was extracted within holding time. The samples and extracts were stored at 4°C ± 2°C prior to extraction and analysis. The extracts were analyzed within 40 days of sample preparation.

Surrogate Spikes

Extraction surrogates were added to all samples prior to extraction. All surrogate compounds were recovered within the 50%-120% acceptable criterion with the following exceptions; perylene-d12 was over-recovered in sample *RPII-NW* and the duplicate of that sample. This over-recovery is due to matrix interference compounded by a 20x dilution. Recoveries of this compound were acceptable in the undiluted analytical run.

Blanks
Styrene was detected in the method blank at 11.0 mg/kg. Styrene was also detected in the sample, but at a level greater than 20x the blank level suggesting the styrene detect in the sample is real.

Blank Spikes
A blank spike was extracted with the NAPL batch. All spiked compounds were recovered within criteria.

Duplicates
A duplicate extraction was performed on *RPII-NW*. Relative percent difference (RPD) data is satisfactory, and is included with the concentration data in Appendix C of this report.

Interpretation

RPII-NW

Sample *RPII-NW* contained pyrogenic material (see definitions). The pyrogenic material was characterized by the wide range distribution of unsubstituted polycyclic aromatic hydrocarbons (PAHs) with the 2 and 3 ring PAHs dominant (Appendix B & D). The higher level of naphthalene relative to the heavier PAHs suggests that this material is not substantially weathered.

The fluoranthene/pyrene (Fl/Py), dibenzofuran/fluorene (D/F), and benzofluorenes/methylpyrene (BF/MP) diagnostic ratios (Table 1) and double ratio plots (Figures 1 & 2) are similar to those of tars in META's reference library that were formed from manufactured gas plants utilizing coal carbonization processes, as well as some coke oven tars, creosote and some other coal tar products.

There were no other pyrogenic or petrogenic materials present in this sample.

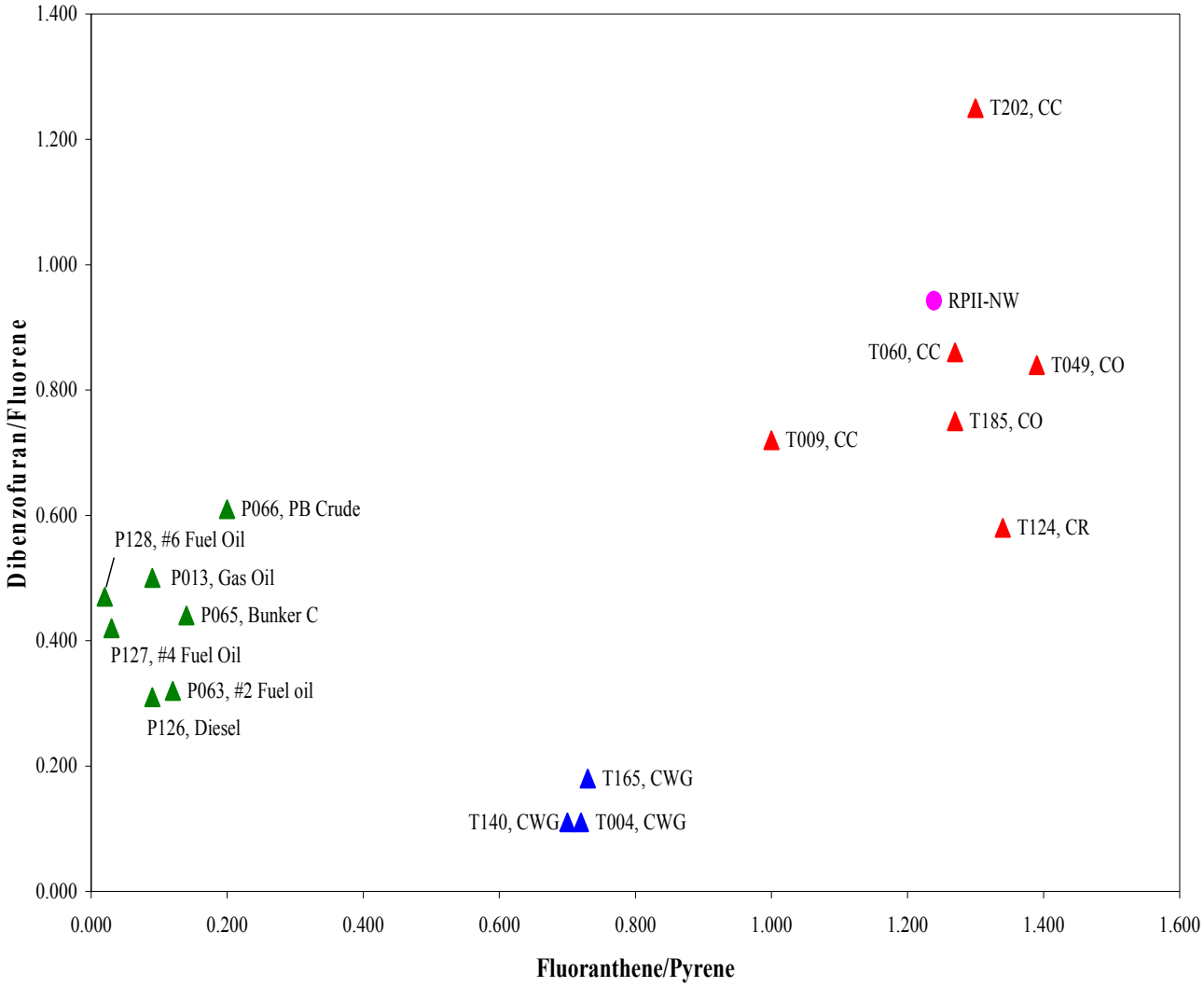
Table 1. Selected Source and Weathering Ratios

	Fl/Py	D/F	C17/Pris	C18/Phy	Pris/Phy	C3D/C3PA	C2D/C2PA	BF/MP
RPII-NW	1.239	0.943	1.286	NC	NC	0.310	0.198	0.925

Ratios:

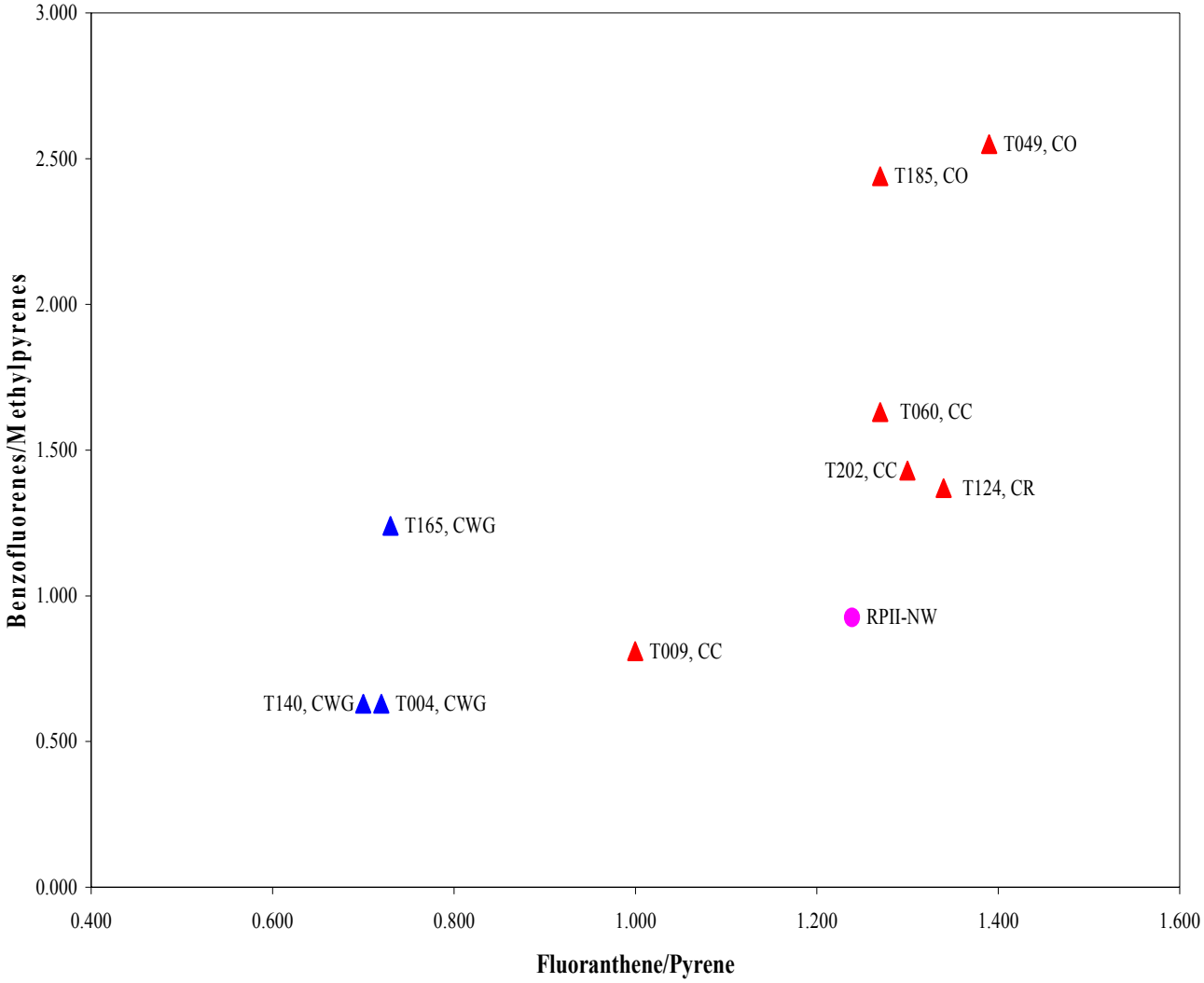
Fl/Py	fluoranthene/pyrene
D/F	dibenzofuran/fluorene
C17/Pris	heptadecane/pristane
C18/Phy	octadecane/phytane
Pris/Phy	pristane/phytane
C3D/C3PA	trialkyldibenzothiophenes/trialkylphenanthrenes/anthracenes
C2D/C2PA	dialkyldibenzothiophenes/dialkylphenanthrenes/anthracenes
BF/MP	benzofluorenes/methylpyrenes
NC	Not Calculable

Figure 1. Selected Diagnostic Ratios – Fl/Py v. D/F



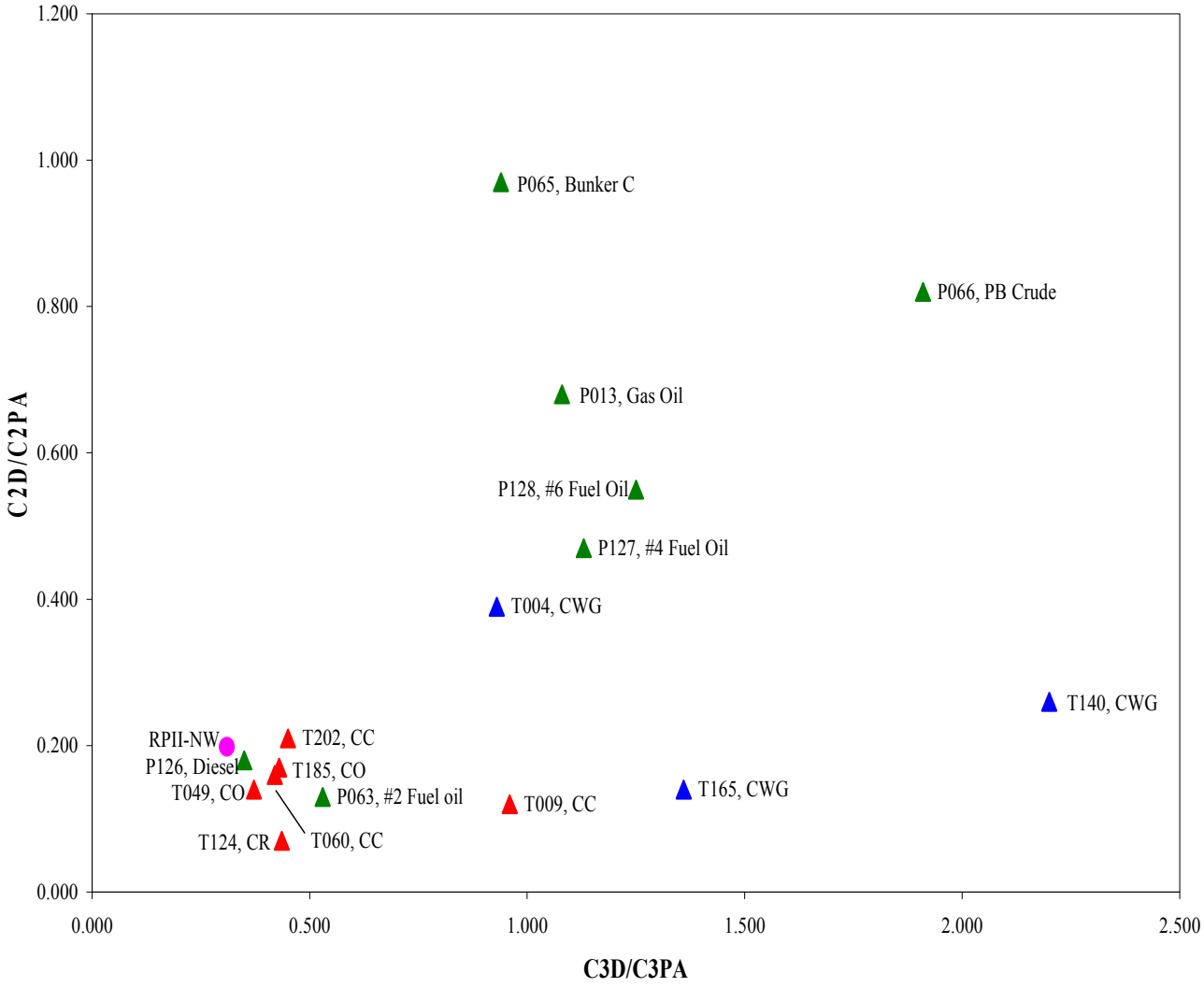
TXXX	Tar Sample from META's in house source library
CC	Coal Carbonization Tar
CO	Coke Oven Tar
CWG	Carbureted Water Gas Tar
●	Field Samples

Figure 2. Selected Diagnostic Ratios – Fl/Py v. BF/MP



TXXX	Tar Sample from META's in house source library
CC	Coal Carbonization Tar
CO	Coke Oven Tar
CWG	Carbureted Water Gas Tar
●	Field Samples

Figure 3. Selected Diagnostic Ratios – C3D/C3PA v. C2D/C2PA



TXXX	Tar Sample from META's in house source library
CC	Coal Carbonization Tar
CO	Coke Oven Tar
CWG	Carbureted Water Gas Tar
●	Field Samples

Definitions

Pyrogenic substances are complex mixtures of primarily hydrocarbons produced from organic matter subjected to high temperatures but with insufficient oxygen for complete combustion. Pyrogenic materials are produced by fires, internal combustion engines, and furnaces. They also are formed when coke or gas are produced from coal or oil. Coal-tar based products, such as roofing, pavement sealers, waterproofing, pesticides, and some shampoos contain pyrogenic materials.

Petrogenic substances include crude oil and crude oil derivatives such as gasoline, heating oil, and asphalt.

Pitch is the semi-solid or solid material consisting of high molecular weight hydrocarbons that remain following coal tar distillation.

References

1) Christensen, L.B. and T.H. Larsen. "Method for determining the age of diesel oil spills in the soil." Ground Water Monitoring and Remediation, 13(4): 142-149, 1993.
2) Kaplan, I.R., Y. Galperin, H. Alimi, R. Lee, and S. Lu. "Patterns of chemical changes during environmental alteration of hydrocarbon fuels." Ground Water Monitoring and Remediation, 16(4): 113-125, 1996.
3) Schmidt, G.W. "Forensic petroleum hydrocarbon fingerprinting and age of release developments." Hydrocarbon Pattern Recognition and Dating Conference, University of Wisconsin-Madison, Nov. 1997.
4) McNicoll, D., Tousignant, L.P., Augustine, P. "Facts and Fallacies: Petroleum Degradation in a Subsurface Environment." Contaminated Soil Sediment and Water, 17-21, June,July 2001
5) "Chemical Fingerprinting of Hydrocarbons," in: Introduction to Environmental Forensics. B.L. Murphy and R.D. Morrison editors, Academic Press, San Diego, CA 2002.
6) Hurst, Richard W. and Schmidt, Gene W. "Age Significance of nC17/Pr Ratios in Forensic Investigations of Refined Product and Crude Oil Releases," Environmental Geosciences, 12(3): 177-192, 2005.
7) Mauro, D.M., "Chemical Source Attribution at former MGP Sites," EPRI Report 1000728, December 2000.

Appendix A
Chains of Custody

CHAIN OF CUSTODY RECORD

PROJECT River Place II
CONTACT Doane Edward Cafferty
COMPANY Langan Engineering & Env. Services
ADDRESS 360 West 31st Street, 8th Floor, NY, NY
EMAIL dcafferty@langan.com
PHONE 212-479-5428 **FAX** 212-479-5444

SAMPLED BY
Print Name Doane E. Cafferty Sign Doane Edward Cafferty
Print Name _____ Sign _____

Turn Around Time
Standard ☒
If Authorized *
1 Week ☐
Other ☐ _____

META Environmental, Inc.
49 Clarendon St. - Watertown, Massachusetts - 02472
Tel (617) 923-4662 - Fax (617) 923-4610 - www.metaenv.com

Samp #	Date	Time	Field Sample ID	Container Size	Container G/P	Grab	Composite	# of Containers	Matrix	Preserv.	Parameters: 8270 med + 8100 med	Comments
	8/22/06	1330	RPII-NW	8 oz.		X		1	sludge	Ø	X	MGP fingerprint
												LA060823-01 LAB ID

Relinquished by	Date & Time	Relinquished by	Date & Time	Relinquished by	Date & Time
Doane Edward Cafferty	8/22/06				
Received by	**Date & Time**	**Received by**	**Date & Time**	**Received by**	**Date & Time**
Laurie A Lanbin	8/23/06 9:45 AM				

Shipping Info.

Remarks: Sample rec'vd in good condition, but no ice present
Recorded Temp was 25.1

Temp °C

* Surcharges may apply

META Environmental, Inc.

Sample Recipt Log

Lab ID	Field ID	Matrix	Prep Method	Cleanup Method	Analysis Method	Date Sampled	Date Received	Project #	Container	Comments	Clent Name	Project Name
LA060823-01	RPII-NW	NAPL	2512		4007/4008	8/22/2006	8/23/2006	L04011-60	1 x 8 oz jar		Langan Engineering	River Place II

Logged By: W

Date: 8/23/06

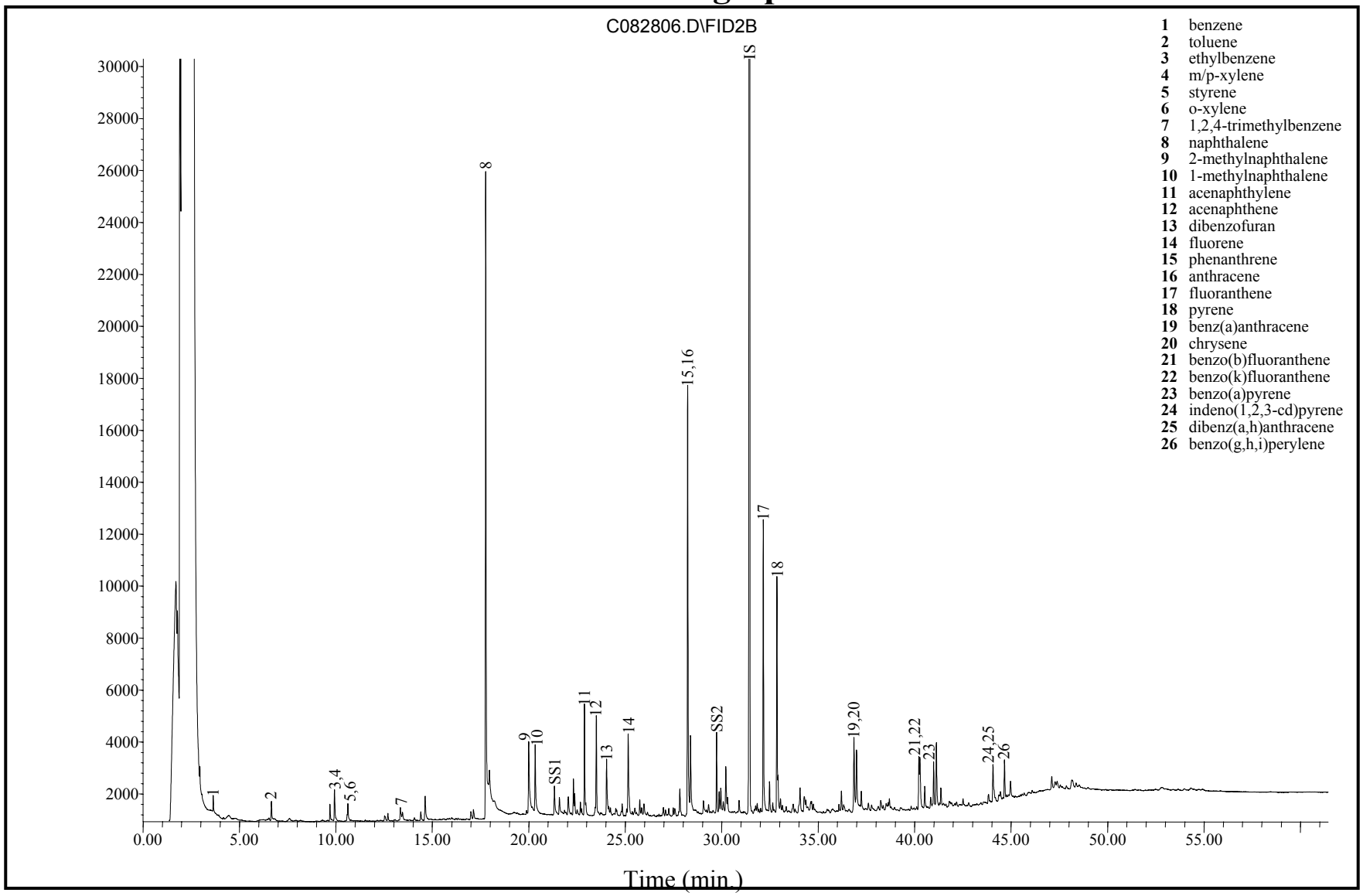
Reviewed By: JL

Date: 8/23/06

Appendix B

GC/FID Fingerprints

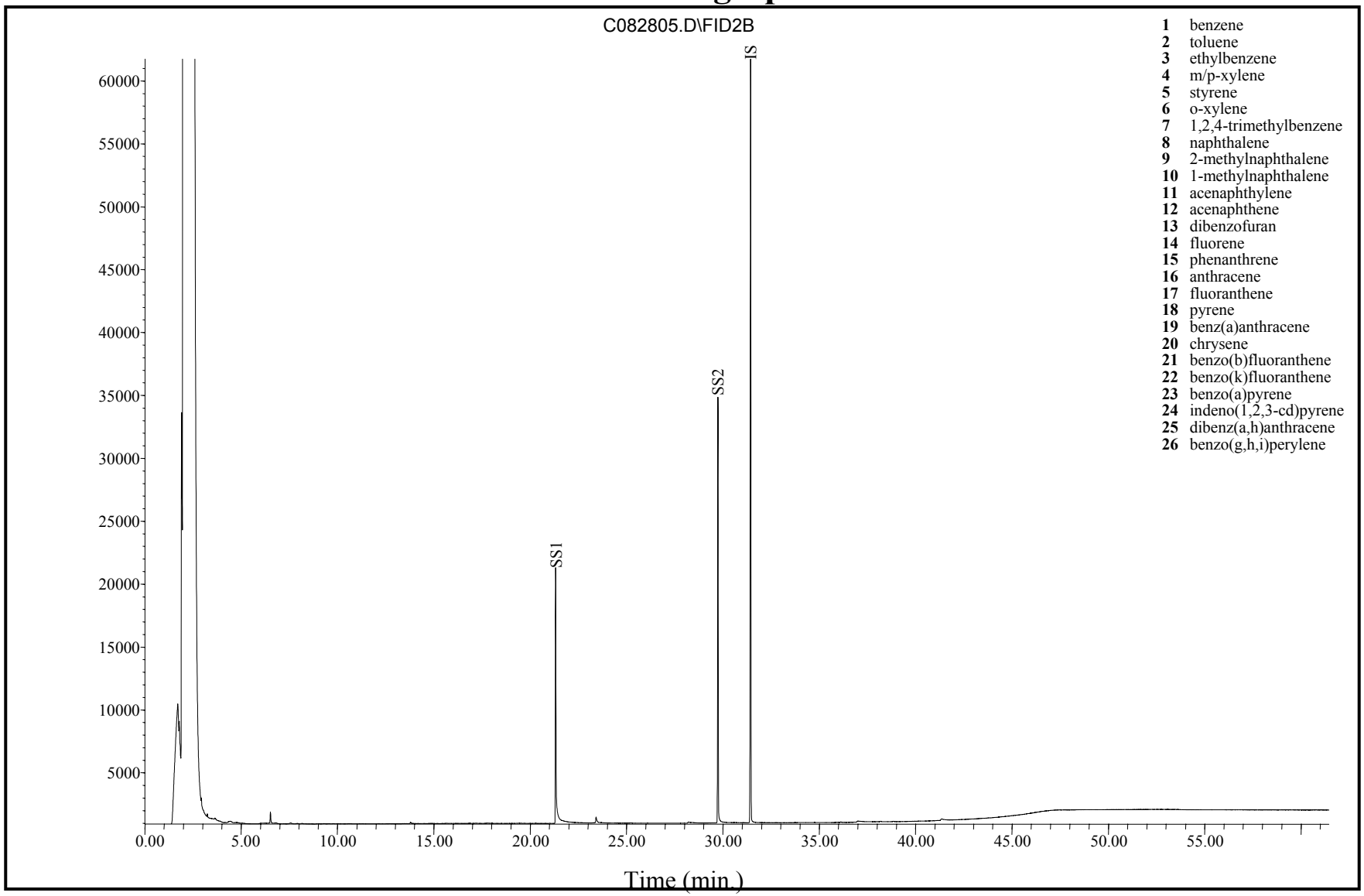
GC/FID Fingerprint



IS – 5-a-androstane
SS1 – 2-Fluorobiphenyl
SS2 – o-Terphenyl

Field ID:	RPII-NW
Laboratory ID:	LA060823-01-D
Method:	EPA 8100 mod.

GC/FID Fingerprint



IS – 5-a-androstane
SS1 – 2-Fluorobiphenyl
SS2 – o-Terphenyl

Field ID:	Method Blank
Laboratory ID:	LA060825-MB
Method:	EPA 8100 mod.

Appendix C

MAH/PAH Concentrations

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: RPII-NW

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060823-01-D		
File ID:	E082807.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	8/22/2006	Decanted:	None
Date Received:	8/23/2006		
Date Prepared:	8/25/2006	Sample Size (g):	0.0181
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/29/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	20.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
MAH & PAH COMPOUNDS:					
Benzene	588		110	55.0	
Toluene	877		110	55.0	
Ethylbenzene	725		22.1	11.0	
m/p-Xylenes	1,440		22.1	11.0	
Styrene	358	B	22.1	11.0	
o-Xylene	589		22.1	11.0	
Isopropylbenzene	53.6		22.1	11.0	
n-Propylbenzene	25.4		22.1	11.0	
1,3,5-Trimethylbenzene	429		22.1	11.0	
1,2,4-Trimethylbenzene	1,010		22.1	11.0	
t-Butylbenzene		U	22.1	11.0	
sec-Butylbenzene		U	22.1	11.0	
p-Isopropyltoluene	59.9		22.1	11.0	
n-Butylbenzene	33.7		22.1	11.0	
C1 - Benzene	597		110	55.0	
C2 - Benzene	1,300		22.1	11.0	
C3 - Benzene	1,020		22.1	11.0	
C4 - Benzene	356		22.1	11.0	
C5 - Benzene	87.6		22.1	11.0	
trans-Decalin		U	22.1	11.0	
cis-Decalin		U	22.1	11.0	
Naphthalene	47,600		22.1	11.0	
2-Methylnaphthalene	9,470		22.1	11.0	
1-Methylnaphthalene	4,910		22.1	11.0	
C1 - Naphthalene	9,070		22.1	11.0	
C2 - Naphthalene	3,170		22.1	11.0	
C3- Naphthalene	1,080		22.1	11.0	
C4- Naphthalene	304		22.1	11.0	
Acenaphthylene	5,740		22.1	11.0	
Acenaphthene	4,110		22.1	11.0	
Dibenzofuran	5,420		22.1	11.0	
Fluorene	5,750		22.1	11.0	
C1 - Fluorene	907		22.1	11.0	
C2 - Fluorene	439		22.1	11.0	
C3 - Fluorene	181		22.1	11.0	
Phenanthrene	21,600		22.1	11.0	
Anthracene	6,630		22.1	11.0	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: RPII-NW

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060823-01-D		
File ID:	E082807.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	8/22/2006	Decanted:	None
Date Received:	8/23/2006		
Date Prepared:	8/25/2006	Sample Size (g):	0.0181
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/29/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	20.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene	4,060		22.1	11.0	
C2 - Phenanthrene/Anthracene	1,280		22.1	11.0	
C3 - Phenanthrene/Anthracene	397		22.1	11.0	
C4 - Phenanthrene/Anthracene	113		22.1	11.0	
Dibenzothiophene	1,830		22.1	11.0	
C1 - Dibenzothiophene	500		22.1	11.0	
C2 - Dibenzothiophene	254		22.1	11.0	
C3 - Dibenzothiophene	123		22.1	11.0	
C4 - Dibenzothiophene	32.0		22.1	11.0	
Benzo(b)naphtho(2,1-d)thiophene	447		22.1	11.0	
Fluoranthene	14,000		22.1	11.0	
Pyrene	11,300		22.1	11.0	
C1 - Fluoranthene/Pyrene	4,370		22.1	11.0	
C2 - Fluoranthene/Pyrene	1,000		22.1	11.0	
C3 - Fluoranthene/Pyrene	346		22.1	11.0	
Benz[a]anthracene	4,410		22.1	11.0	
Chrysene*	3,910		22.1	11.0	
C1 - Benz(a)anthracene/Chrysene	1,100		22.1	11.0	
C2 - Benz(a)anthracene/Chrysene	375		22.1	11.0	
C3 - Benz(a)anthracene/Chrysene	189		22.1	11.0	
C4 - Benz(a)anthracene/Chrysene	102		22.1	11.0	
Benzo[b]fluoranthene	2,710		22.1	11.0	
Benzo[j/k]fluoranthene	3,050		22.1	11.0	
Benzo(e)pyrene	2,250		22.1	11.0	
Benzo[a]pyrene	4,130		22.1	11.0	
Perylene	995		22.1	11.0	
Indeno[1,2,3-cd]pyrene	2,400		22.1	11.0	
Dibenz[a,h]anthracene	482		22.1	11.0	
Benzo[g,h,i]perylene	2,030		22.1	11.0	
Coronene	529		22.1	11.0	
Retene		U	22.1	11.0	
Benzo(b/c)fluorenes	1,030		22.1	11.0	
2-Methylpyrene	444		22.1	11.0	
4-Methylpyrene	325		22.1	11.0	
1-Methylpyrene	344		22.1	11.0	
Heptadecane	50.8		22.1	11.0	
Pristane	39.5		22.1	11.0	
Octadecane	43.0		22.1	11.0	
Phytane		U	22.1	11.0	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: RPII-NW

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060823-01-D		
File ID:	E082807.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	8/22/2006	Decanted:	None
Date Received:	8/23/2006		
Date Prepared:	8/25/2006	Sample Size (g):	0.0181
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/29/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	20.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyldodecane	19.7 J	22.1	11.0	
2,6,10-trimethyltridecane	35.0	22.1	11.0	
Norpristane	17.3 J	22.1	11.0	
Total PAH (16)	140,000	22.1	11.0	
Total PAH (42)	180,000	22.1	11.0	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	104	50 - 120
Phenanthrene-d10	106	50 - 120
Perylene-d12	139	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Method Blank

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060825-MB		
File ID:	E082504.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	8/25/2006	Sample Size (g):	0.0100
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/25/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	1.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
MAH & PAH COMPOUNDS:					
Benzene		U	10.0	5.0	
Toluene		U	10.0	5.0	
Ethylbenzene		U	2.0	1.0	
m/p-Xylenes		U	2.0	1.0	
Styrene	11.0		2.0	1.0	
o-Xylene		U	2.0	1.0	
Isopropylbenzene		U	2.0	1.0	
n-Propylbenzene		U	2.0	1.0	
1,3,5-Trimethylbenzene		U	2.0	1.0	
1,2,4-Trimethylbenzene		U	2.0	1.0	
t-Butylbenzene		U	2.0	1.0	
sec-Butylbenzene		U	2.0	1.0	
p-Isopropyltoluene		U	2.0	1.0	
n-Butylbenzene		U	2.0	1.0	
C1 - Benzene		U	10.0	5.0	
C2 - Benzene		U	2.0	1.0	
C3 - Benzene		U	2.0	1.0	
C4 - Benzene		U	2.0	1.0	
C5 - Benzene		U	2.0	1.0	
trans-Decalin		U	2.0	1.0	
cis-Decalin		U	2.0	1.0	
Naphthalene		U	2.0	1.0	
2-Methylnaphthalene		U	2.0	1.0	
1-Methylnaphthalene		U	2.0	1.0	
C1 - Naphthalene		U	2.0	1.0	
C2 - Naphthalene		U	2.0	1.0	
C3- Naphthalene		U	2.0	1.0	
C4- Naphthalene		U	2.0	1.0	
Acenaphthylene		U	2.0	1.0	
Acenaphthene		U	2.0	1.0	
Dibenzofuran		U	2.0	1.0	
Fluorene		U	2.0	1.0	
C1 - Fluorene		U	2.0	1.0	
C2 - Fluorene		U	2.0	1.0	
C3 - Fluorene		U	2.0	1.0	
Phenanthrene		U	2.0	1.0	
Anthracene		U	2.0	1.0	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Method Blank

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060825-MB		
File ID:	E082504.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	8/25/2006	Sample Size (g):	0.0100
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/25/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	1.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	U	2.0	1.0	
C2 - Phenanthrene/Anthracene	U	2.0	1.0	
C3 - Phenanthrene/Anthracene	U	2.0	1.0	
C4 - Phenanthrene/Anthracene	U	2.0	1.0	
Dibenzothiophene	U	2.0	1.0	
C1 - Dibenzothiophene	U	2.0	1.0	
C2 - Dibenzothiophene	U	2.0	1.0	
C3 - Dibenzothiophene	U	2.0	1.0	
C4 - Dibenzothiophene	U	2.0	1.0	
Benzo(b)naphtho(2,1-d)thiophene	U	2.0	1.0	
Fluoranthene	U	2.0	1.0	
Pyrene	U	2.0	1.0	
C1 - Fluoranthene/Pyrene	U	2.0	1.0	
C2 - Fluoranthene/Pyrene	U	2.0	1.0	
C3 - Fluoranthene/Pyrene	U	2.0	1.0	
Benz[a]anthracene	U	2.0	1.0	
Chrysene*	U	2.0	1.0	
C1 - Benz(a)anthracene/Chrysene	U	2.0	1.0	
C2 - Benz(a)anthracene/Chrysene	U	2.0	1.0	
C3 - Benz(a)anthracene/Chrysene	U	2.0	1.0	
C4 - Benz(a)anthracene/Chrysene	U	2.0	1.0	
Benzo[b]fluoranthene	U	2.0	1.0	
Benzo[j/k]fluoranthene	U	2.0	1.0	
Benzo(e)pyrene	U	2.0	1.0	
Benzo[a]pyrene	U	2.0	1.0	
Perylene	U	2.0	1.0	
Indeno[1,2,3-cd]pyrene	U	2.0	1.0	
Dibenz[a,h]anthracene	U	2.0	1.0	
Benzo[g,h,i]perylene	U	2.0	1.0	
Coronene	U	2.0	1.0	
Retene	U	2.0	1.0	
Benzo(b/c)fluorenes	U	2.0	1.0	
2-Methylpyrene	U	2.0	1.0	
4-Methylpyrene	U	2.0	1.0	
1-Methylpyrene	U	2.0	1.0	
Heptadecane	U	2.0	1.0	
Pristane	U	2.0	1.0	
Octadecane	U	2.0	1.0	
Phytane	U	2.0	1.0	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Method Blank

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060825-MB		
File ID:	E082504.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	8/25/2006	Sample Size (g):	0.0100
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/25/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	1.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	2.0	1.0	
2,6,10-trimethyltridecane	U	2.0	1.0	
Norpristane	U	2.0	1.0	
Total PAH (16)	U	2.0	1.0	
Total PAH (42)	U	2.0	1.0	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	86	50 - 120
Phenanthrene-d10	88	50 - 120
Perylene-d12	84	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Method Blank Spike

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060825-MBS		
File ID:	E082505.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	8/25/2006	Sample Size (g):	0.0100
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/25/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	1.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte	Concentration (mg/kg)			RL	EDL	Comments
MAH & PAH COMPOUNDS:	Spike Amount					% Recovery
Benzene	200	178		10.0	5.0	89 %
Toluene	200	165		10.0	5.0	83 %
Ethylbenzene	200	167		2.0	1.0	84 %
m/p-Xylenes	200	161		2.0	1.0	81 %
Styrene	200	166	B	2.0	1.0	83 %
o-Xylene	200	167		2.0	1.0	84 %
Isopropylbenzene	200	158		2.0	1.0	79 %
n-Propylbenzene	200	166		2.0	1.0	83 %
1,3,5-Trimethylbenzene	200	165		2.0	1.0	83 %
1,2,4-Trimethylbenzene	200	161		2.0	1.0	81 %
t-Butylbenzene			U	2.0	1.0	
sec-Butylbenzene	200	168		2.0	1.0	84 %
p-Isopropyltoluene	200	160		2.0	1.0	80 %
n-Butylbenzene	200	167		2.0	1.0	84 %
C1 - Benzene			U	10.0	5.0	
C2 - Benzene			U	2.0	1.0	
C3 - Benzene			U	2.0	1.0	
C4 - Benzene			U	2.0	1.0	
C5 - Benzene			U	2.0	1.0	
trans-Decalin			U	2.0	1.0	
cis-Decalin			U	2.0	1.0	
Naphthalene	200	170		2.0	1.0	85 %
2-Methylnaphthalene	200	170		2.0	1.0	85 %
1-Methylnaphthalene	200	174		2.0	1.0	87 %
C1 - Naphthalene			U	2.0	1.0	
C2 - Naphthalene			U	2.0	1.0	
C3- Naphthalene			U	2.0	1.0	
C4- Naphthalene			U	2.0	1.0	
Acenaphthylene	200	172		2.0	1.0	86 %
Acenaphthene	200	174		2.0	1.0	87 %
Dibenzofuran	200	180		2.0	1.0	90 %
Fluorene	200	180		2.0	1.0	90 %
C1 - Fluorene			U	2.0	1.0	
C2 - Fluorene			U	2.0	1.0	
C3 - Fluorene			U	2.0	1.0	
Phenanthrene	200	173		2.0	1.0	87 %
Anthracene	200	184		2.0	1.0	92 %

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Method Blank Spike

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060825-MBS		
File ID:	E082505.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	8/25/2006	Sample Size (g):	0.0100
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/25/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	1.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte		Concentration (mg/kg)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene			U	2.0	1.0	
C2 - Phenanthrene/Anthracene			U	2.0	1.0	
C3 - Phenanthrene/Anthracene			U	2.0	1.0	
C4 - Phenanthrene/Anthracene			U	2.0	1.0	
Dibenzothiophene	200	176		2.0	1.0	88 %
C1 - Dibenzothiophene			U	2.0	1.0	
C2 - Dibenzothiophene			U	2.0	1.0	
C3 - Dibenzothiophene			U	2.0	1.0	
C4 - Dibenzothiophene			U	2.0	1.0	
Benzo(b)naphtho(2,1-d)thiophene			U	2.0	1.0	
Fluoranthene	200	180		2.0	1.0	90 %
Pyrene	200	176		2.0	1.0	88 %
C1 - Fluoranthene/Pyrene			U	2.0	1.0	
C2 - Fluoranthene/Pyrene			U	2.0	1.0	
C3 - Fluoranthene/Pyrene			U	2.0	1.0	
Benz[a]anthracene	200	164		2.0	1.0	82 %
Chrysene*	200	175		2.0	1.0	88 %
C1 - Benz(a)anthracene/Chrysene			U	2.0	1.0	
C2 - Benz(a)anthracene/Chrysene			U	2.0	1.0	
C3 - Benz(a)anthracene/Chrysene			U	2.0	1.0	
C4 - Benz(a)anthracene/Chrysene			U	2.0	1.0	
Benzo[b]fluoranthene	200	169		2.0	1.0	85 %
Benzo[j/k]fluoranthene	200	174		2.0	1.0	87 %
Benzo(e)pyrene	200	168		2.0	1.0	84 %
Benzo[a]pyrene	200	163		2.0	1.0	82 %
Perylene			U	2.0	1.0	
Indeno[1,2,3-cd]pyrene	200	172		2.0	1.0	86 %
Dibenz[a,h]anthracene	200	177		2.0	1.0	89 %
Benzo[g,h,i]perylene	200	169		2.0	1.0	85 %
Coronene			U	2.0	1.0	
Retene			U	2.0	1.0	
Benzo(b/c)fluorenes			U	2.0	1.0	
2-Methylpyrene			U	2.0	1.0	
4-Methylpyrene			U	2.0	1.0	
1-Methylpyrene			U	2.0	1.0	
Heptadecane			U	2.0	1.0	
Pristane			U	2.0	1.0	
Octadecane			U	2.0	1.0	
Phytane			U	2.0	1.0	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Method Blank Spike

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060825-MBS		
File ID:	E082505.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	8/25/2006	Sample Size (g):	0.0100
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/25/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	1.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	2.0	1.0	
2,6,10-trimethyltridecane	U	2.0	1.0	
Norpristane	U	2.0	1.0	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	85	50 - 120
Phenanthrene-d10	88	50 - 120
Perylene-d12	82	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of RPII-NW

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060823-01DUP-D		
File ID:	E082808.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	8/22/2006	Decanted:	None
Date Received:	8/23/2006		
Date Prepared:	8/25/2006	Sample Size (g):	0.0110
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/29/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	20.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
MAH & PAH COMPOUNDS:					RPD
Benzene	468		182	91.0	22.7
Toluene	658		182	91.0	28.5
Ethylbenzene	554		36.4	18.2	26.7
m/p-Xylenes	1,120		36.4	18.2	25.0
Styrene	271	B	36.4	18.2	27.7
o-Xylene	464		36.4	18.2	23.7
Isopropylbenzene	43.0		36.4	18.2	21.9
n-Propylbenzene	20.2	J	36.4	18.2	22.8
1,3,5-Trimethylbenzene	352		36.4	18.2	19.7
1,2,4-Trimethylbenzene	829		36.4	18.2	19.7
t-Butylbenzene		U	36.4	18.2	NA
sec-Butylbenzene		U	36.4	18.2	NA
p-Isopropyltoluene	49.1		36.4	18.2	19.8
n-Butylbenzene	28.0	J	36.4	18.2	18.5
C1 - Benzene	448		182	91.0	28.5
C2 - Benzene	1,020		36.4	18.2	24.1
C3 - Benzene	853		36.4	18.2	17.8
C4 - Benzene	306		36.4	18.2	15.1
C5 - Benzene	91.6		36.4	18.2	4.5
trans-Decalin		U	36.4	18.2	NA
cis-Decalin		U	36.4	18.2	NA
Naphthalene	44,600		36.4	18.2	6.5
2-Methylnaphthalene	7,980		36.4	18.2	17.1
1-Methylnaphthalene	4,140		36.4	18.2	17.0
C1 - Naphthalene	7,660		36.4	18.2	16.9
C2 - Naphthalene	2,620		36.4	18.2	19.0
C3- Naphthalene	889		36.4	18.2	19.4
C4- Naphthalene	257		36.4	18.2	16.8
Acenaphthylene	4,880		36.4	18.2	16.2
Acenaphthene	3,410		36.4	18.2	18.6
Dibenzofuran	4,560		36.4	18.2	17.2
Fluorene	4,730		36.4	18.2	19.5
C1 - Fluorene	751		36.4	18.2	18.8
C2 - Fluorene	374		36.4	18.2	16.0
C3 - Fluorene	191		36.4	18.2	5.4
Phenanthrene	18,600		36.4	18.2	14.9
Anthracene	5,480		36.4	18.2	19.0

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of RPII-NW

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060823-01DUP-D		
File ID:	E082808.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	8/22/2006	Decanted:	None
Date Received:	8/23/2006		
Date Prepared:	8/25/2006	Sample Size (g):	0.0110
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/29/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	20.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene	3,260		36.4	18.2	21.9
C2 - Phenanthrene/Anthracene	1,050		36.4	18.2	19.7
C3 - Phenanthrene/Anthracene	313		36.4	18.2	23.7
C4 - Phenanthrene/Anthracene		U	36.4	18.2	NA
Dibenzothiophene	1,510		36.4	18.2	19.2
C1 - Dibenzothiophene	412		36.4	18.2	19.3
C2 - Dibenzothiophene	201		36.4	18.2	23.3
C3 - Dibenzothiophene	92.8		36.4	18.2	28.0
C4 - Dibenzothiophene	31.7	J	36.4	18.2	0.9
Benzo(b)naphtho(2,1-d)thiophene	362		36.4	18.2	21.0
Fluoranthene	11,800		36.4	18.2	17.1
Pyrene	9,470		36.4	18.2	17.6
C1 - Fluoranthene/Pyrene	3,480		36.4	18.2	22.7
C2 - Fluoranthene/Pyrene	807		36.4	18.2	21.4
C3 - Fluoranthene/Pyrene	269		36.4	18.2	25.0
Benz[a]anthracene	3,540		36.4	18.2	21.9
Chrysene*	3,230		36.4	18.2	19.0
C1 - Benz(a)anthracene/Chrysene	888		36.4	18.2	21.3
C2 - Benz(a)anthracene/Chrysene	298		36.4	18.2	22.9
C3 - Benz(a)anthracene/Chrysene	146		36.4	18.2	25.7
C4 - Benz(a)anthracene/Chrysene	84.5		36.4	18.2	18.8
Benzo[b]fluoranthene	2,220		36.4	18.2	19.9
Benzo[j/k]fluoranthene	2,420		36.4	18.2	23.0
Benzo(e)pyrene	1,810		36.4	18.2	21.7
Benzo[a]pyrene	3,300		36.4	18.2	22.3
Perylene	797		36.4	18.2	22.1
Indeno[1,2,3-cd]pyrene	1,910		36.4	18.2	22.7
Dibenz[a,h]anthracene	388		36.4	18.2	21.6
Benzo[g,h,i]perylene	1,640		36.4	18.2	21.3
Coronene	429		36.4	18.2	20.9
Retene		U	36.4	18.2	NA
Benzo(b/c)fluorenes	810		36.4	18.2	23.9
2-Methylpyrene	358		36.4	18.2	21.4
4-Methylpyrene	259		36.4	18.2	22.6
1-Methylpyrene	274		36.4	18.2	22.7
Heptadecane	40.8		36.4	18.2	21.8
Pristane	29.7	J	36.4	18.2	28.3
Octadecane	35.2	J	36.4	18.2	19.9
Phytane		U	36.4	18.2	NA

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of RPII-NW

Client:	Langan Engineering	Preparation Method:	EPA 3580
Project:	River Place II	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	LA060823-01DUP-D		
File ID:	E082808.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	8/22/2006	Decanted:	None
Date Received:	8/23/2006		
Date Prepared:	8/25/2006	Sample Size (g):	0.0110
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	8/29/2006	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1.00
Operator:	JAR	Analysis DF:	20.00
		Injection Volume (µl):	1.00
Batch QC:	LA060825-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
2,6,10-trimethyldodecane	18.2	J	36.4	18.2	7.9
2,6,10-trimethyltridecane	30.2	J	36.4	18.2	14.7
Norpristane		U	36.4	18.2	NA
Total PAH (16)	122,000		36.4	18.2	13.7
Total PAH (42)	154,000		36.4	18.2	15.6

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	105	50 - 120
Phenanthrene-d10	103	50 - 120
Perylene-d12	128	50 - 120

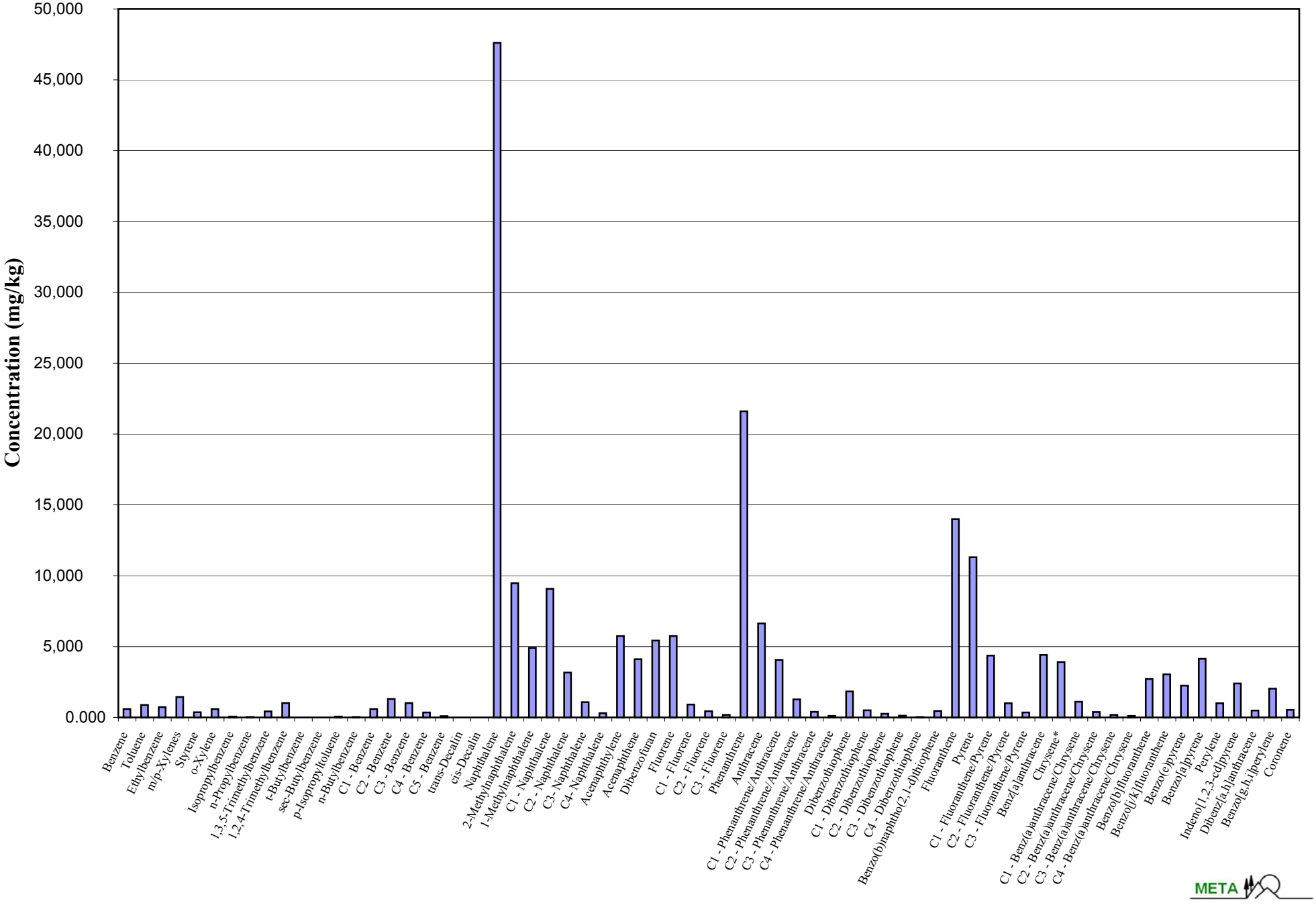
NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

Appendix D

Extended MAH/PAH Profiles – Histograms

RPII-NW

LA060823-01-D



META

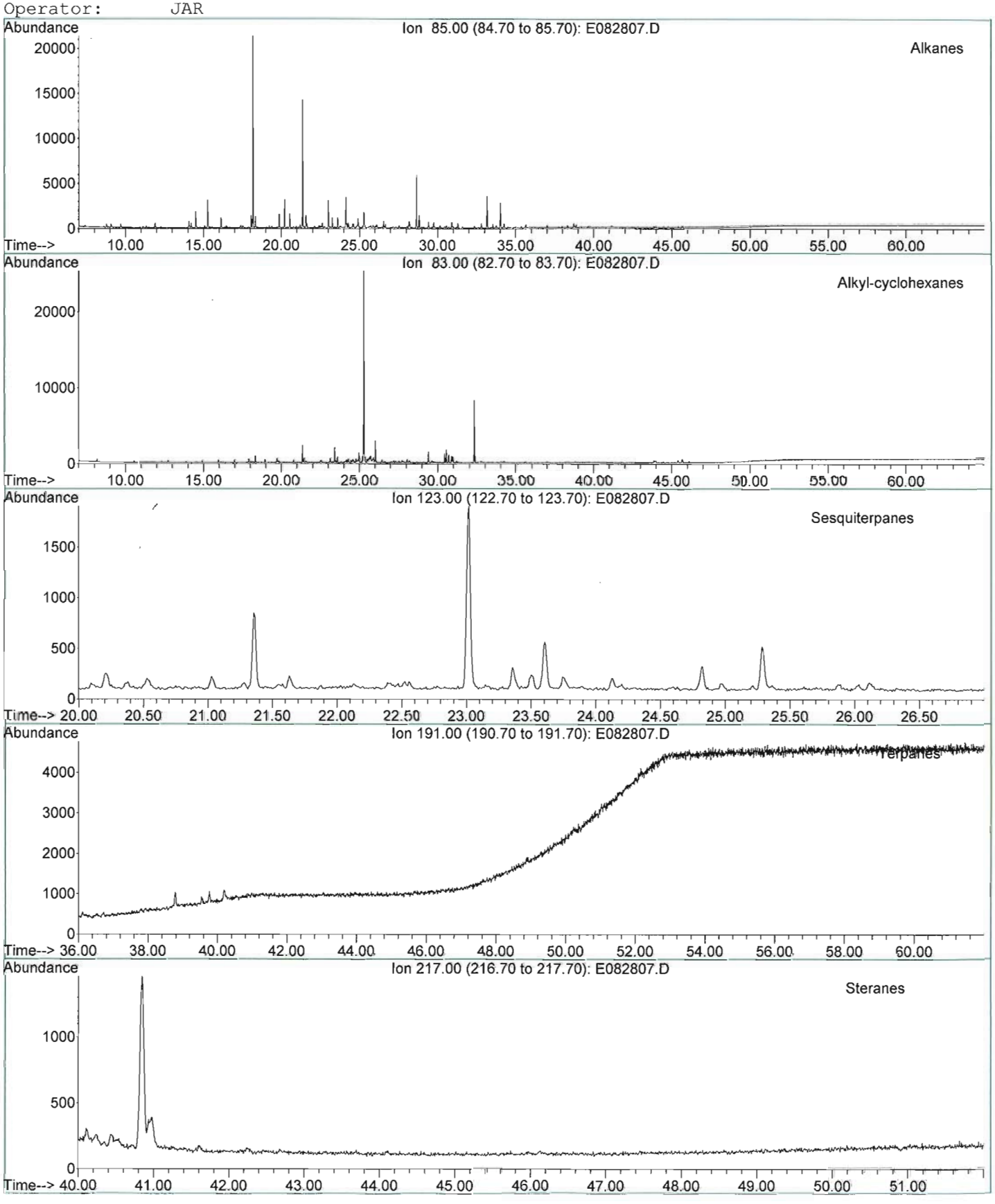
Appendix E

Extracted Ion Current Profiles (EICPs)

META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

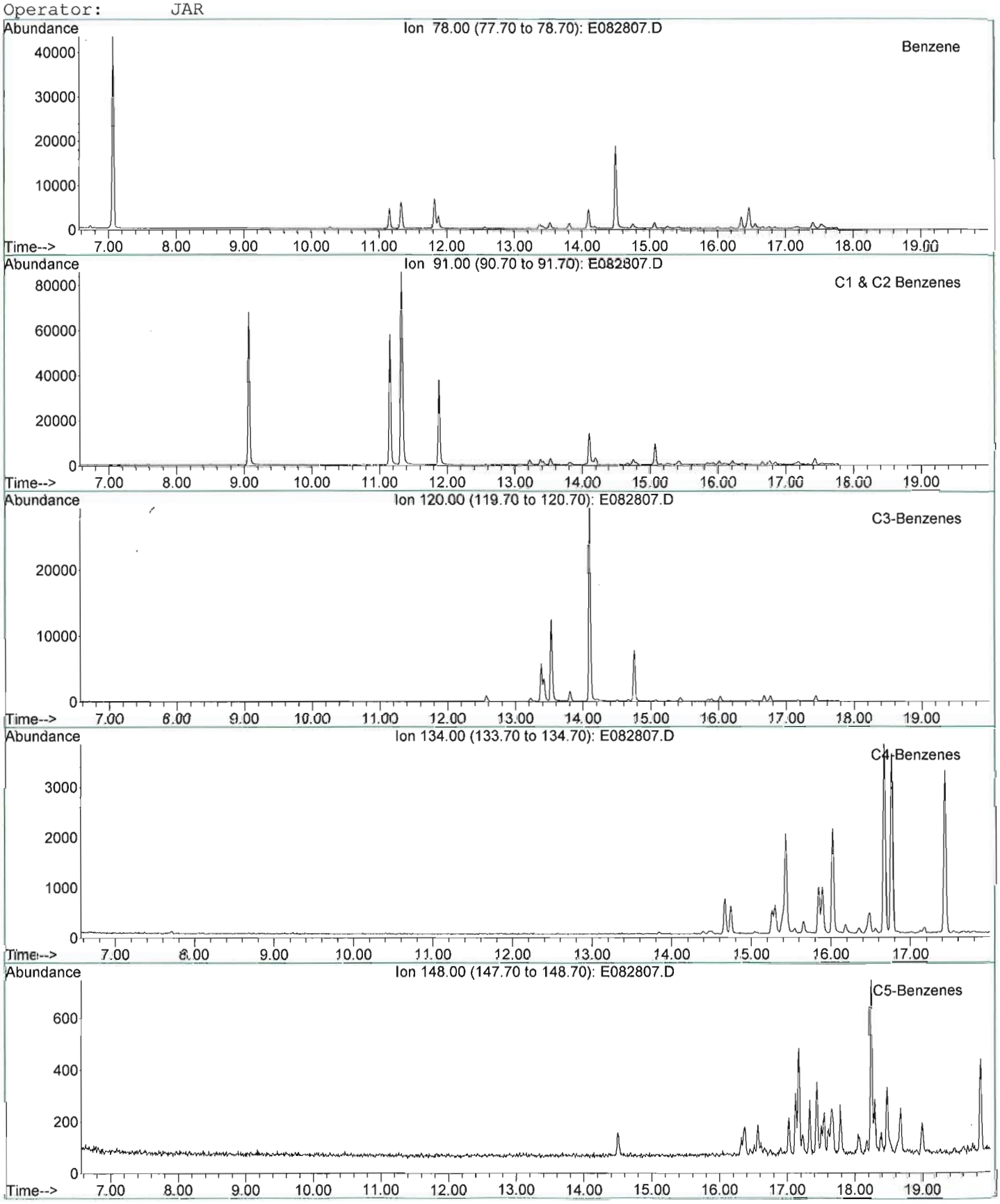
File: J:\1\DATA\E060828\E082807.D
Date Acquired: 29 Aug 2006 4:17 am
Method File: 4008SIM2.M
Sample Name: LA060823-01-D
Misc Info: RPII-NW - 20X
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

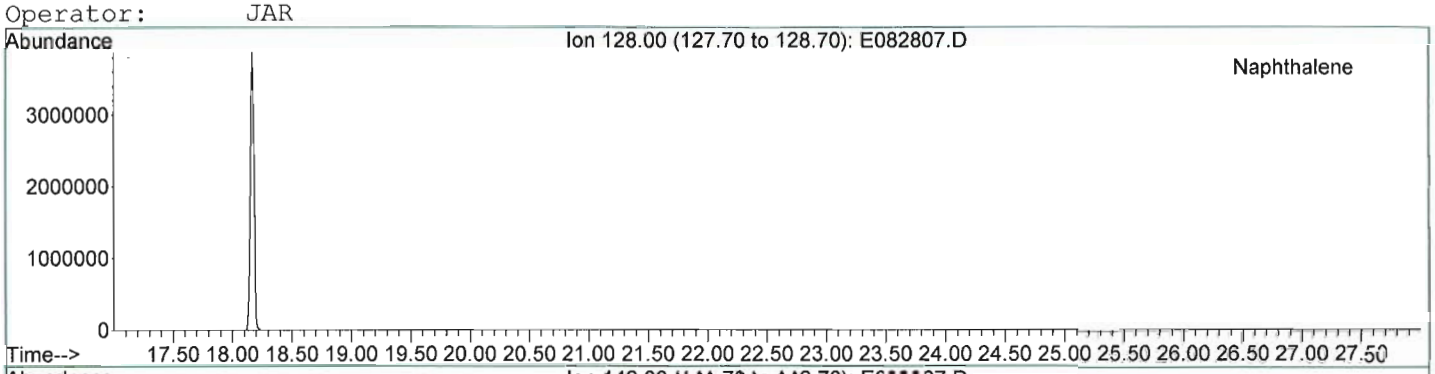
File: J:\1\DATA\E060828\E082807.D
Date Acquired: 29 Aug 2006 4:17 am
Method File: 4008SIM2.M
Sample Name: LA060823-01-D
Misc Info: RPII-NW - 20X
Operator: JAR

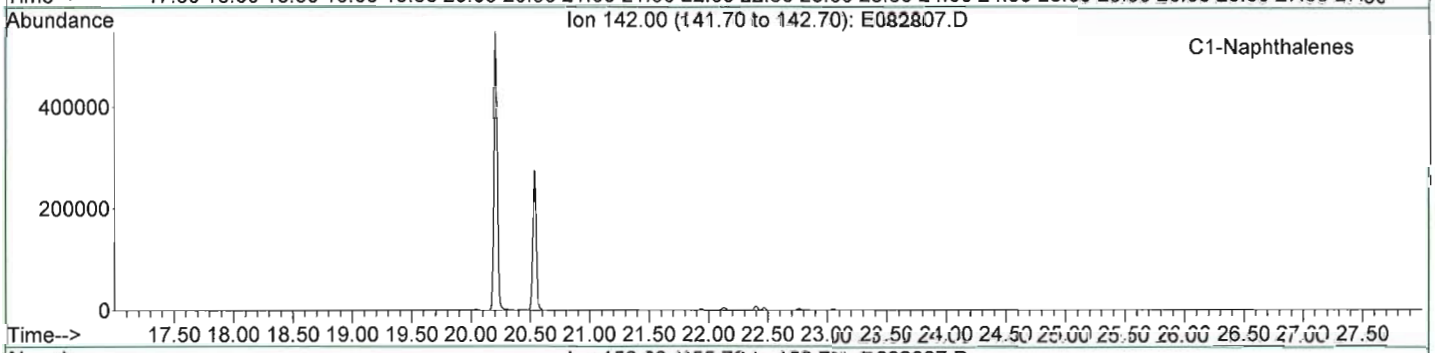


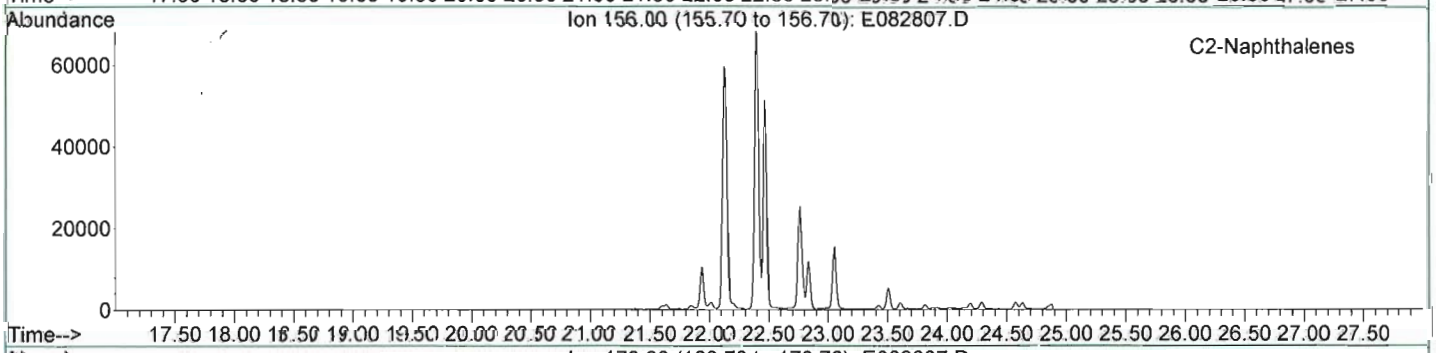
META Environmental, Inc.

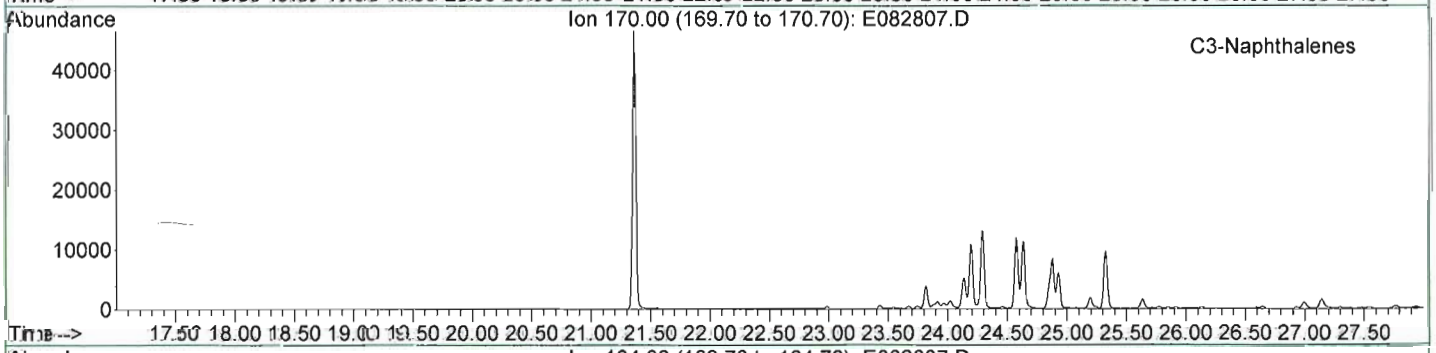
GC/MS EXTRACTED ION CHROMATOGRAM

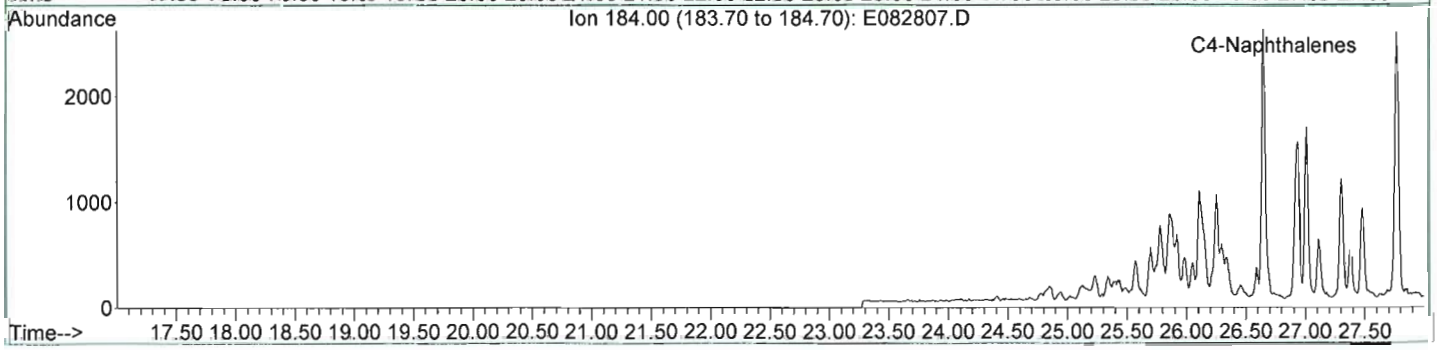
File: J:\1\DATA\E060828\E082807.D
Date Acquired: 29 Aug 2006 4:17 am
Method File: 4008SIM2.M
Sample Name: LA060823-01-D
Misc Info: RPII-NW - 20X
Operator: JAR







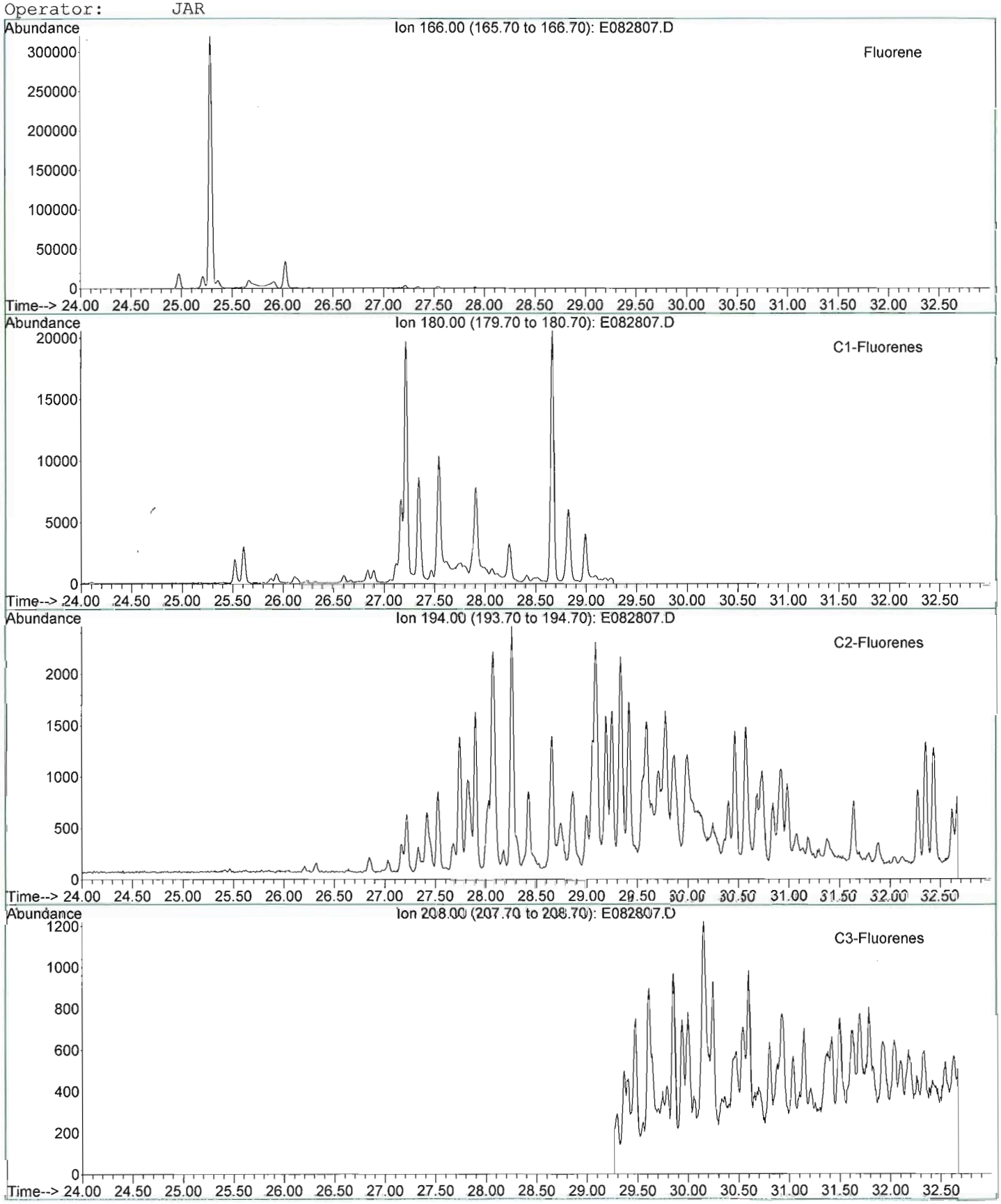




META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

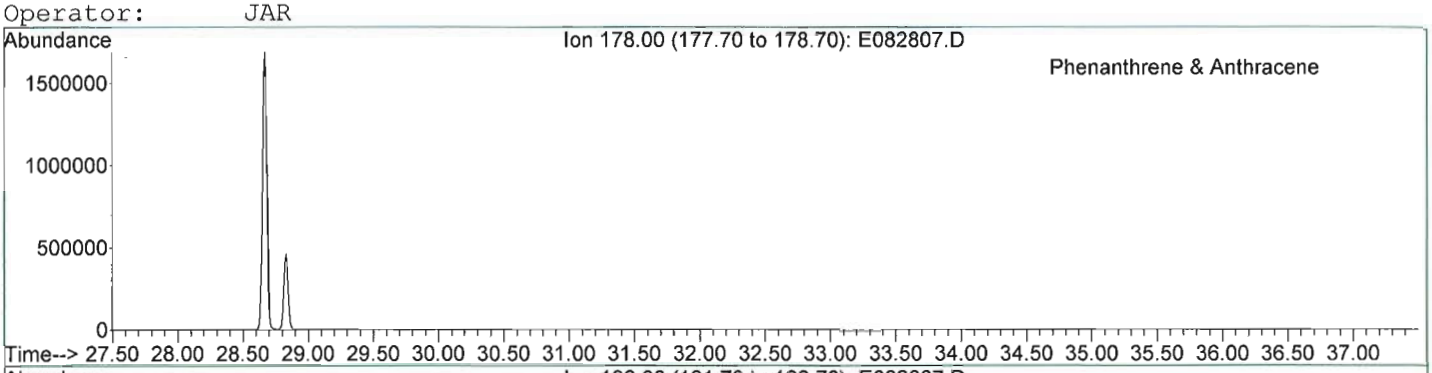
File: J:\1\DATA\E060828\E082807.D
Date Acquired: 29 Aug 2006 4:17 am
Method File: 4008SIM2.M
Sample Name: LA060823-01-D
Misc Info: RPII-NW - 20X
Operator: JAR

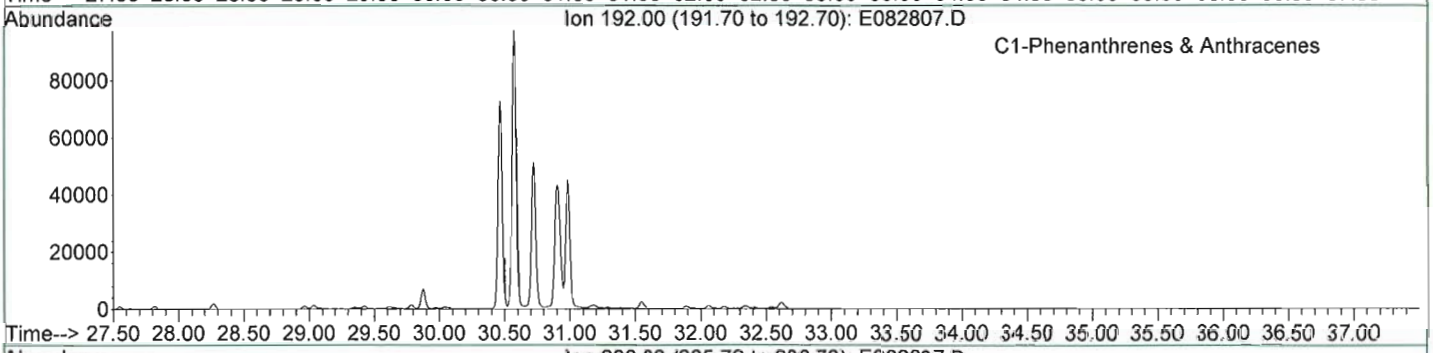


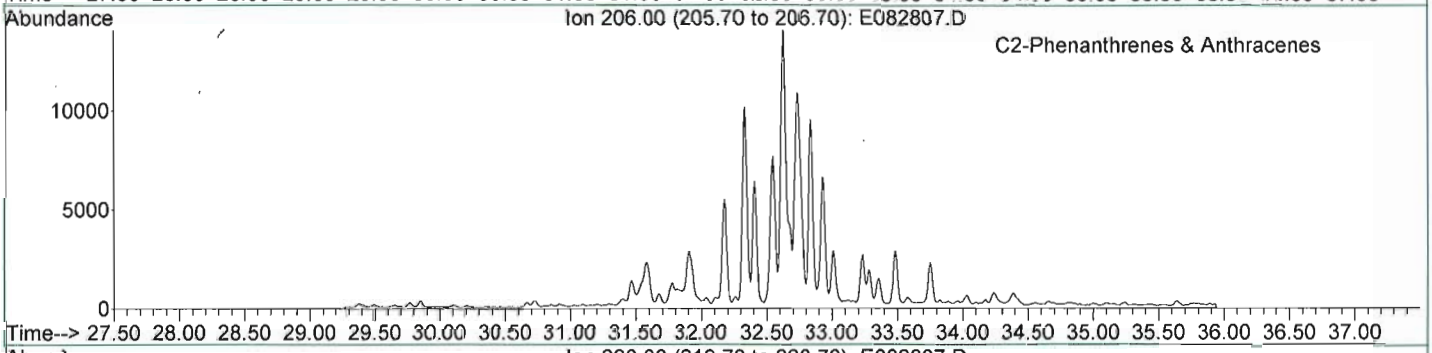
META Environmental, Inc.

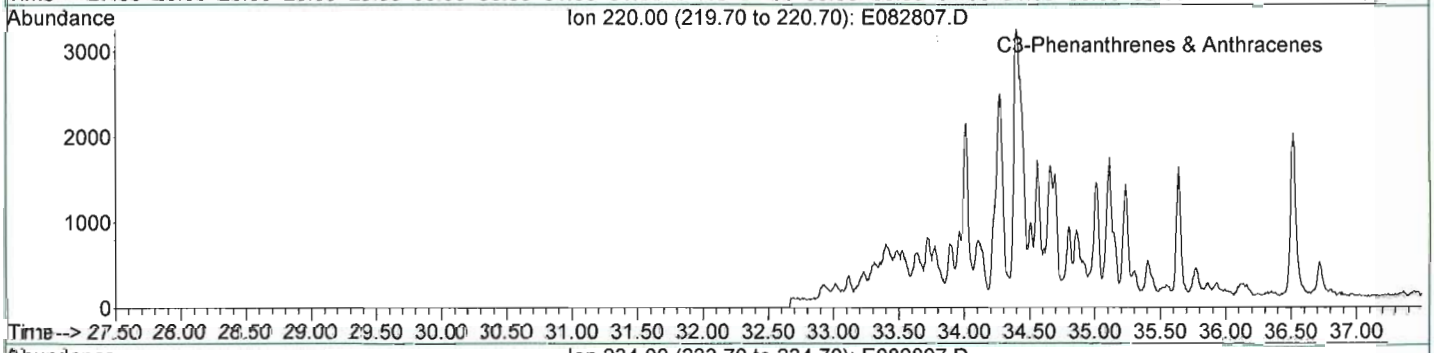
GC/MS EXTRACTED ION CHROMATOGRAM

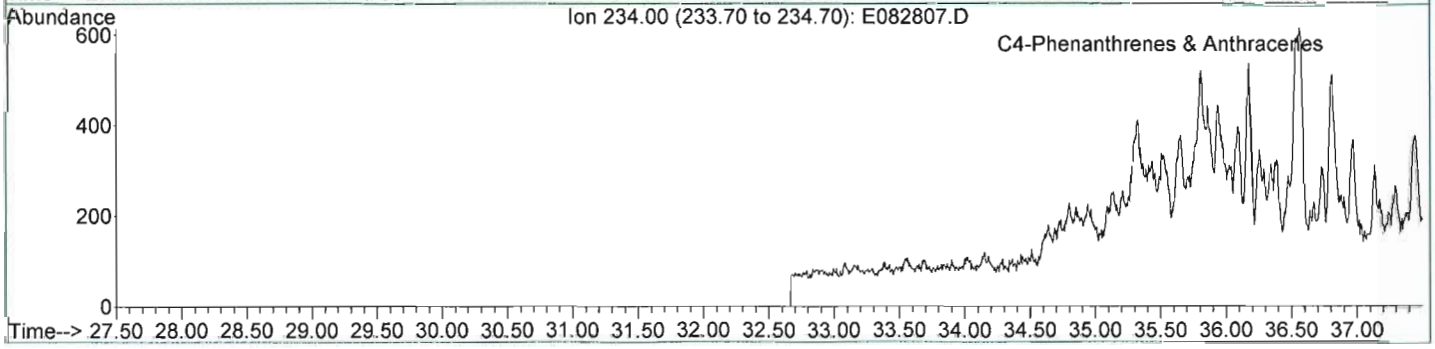
File: J:\1\DATA\E060828\E082807.D
Date Acquired: 29 Aug 2006 4:17 am
Method File: 4008SIM2.M
Sample Name: LA060823-01-D
Misc Info: RPII-NW - 20X
Operator: JAR







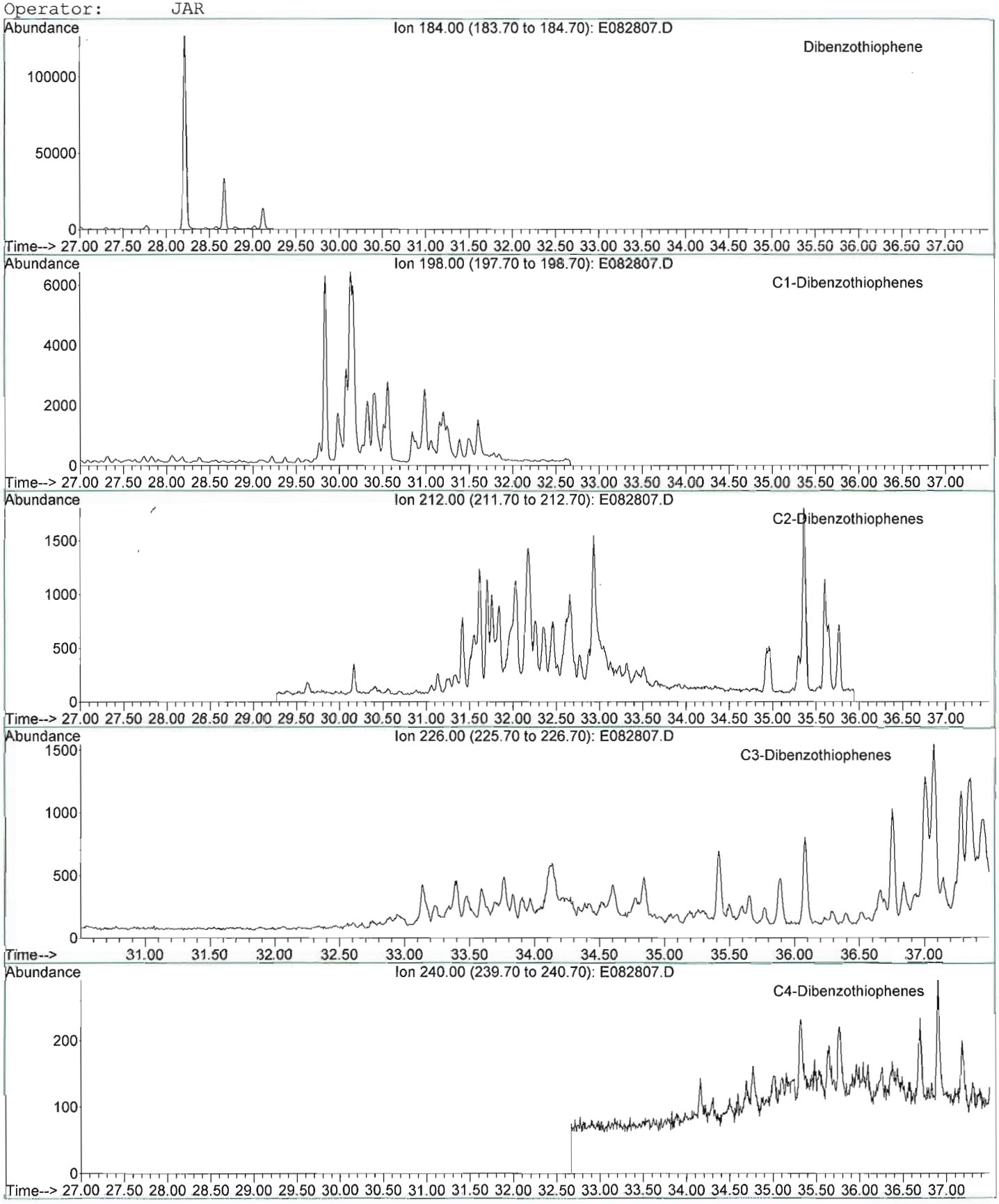




META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

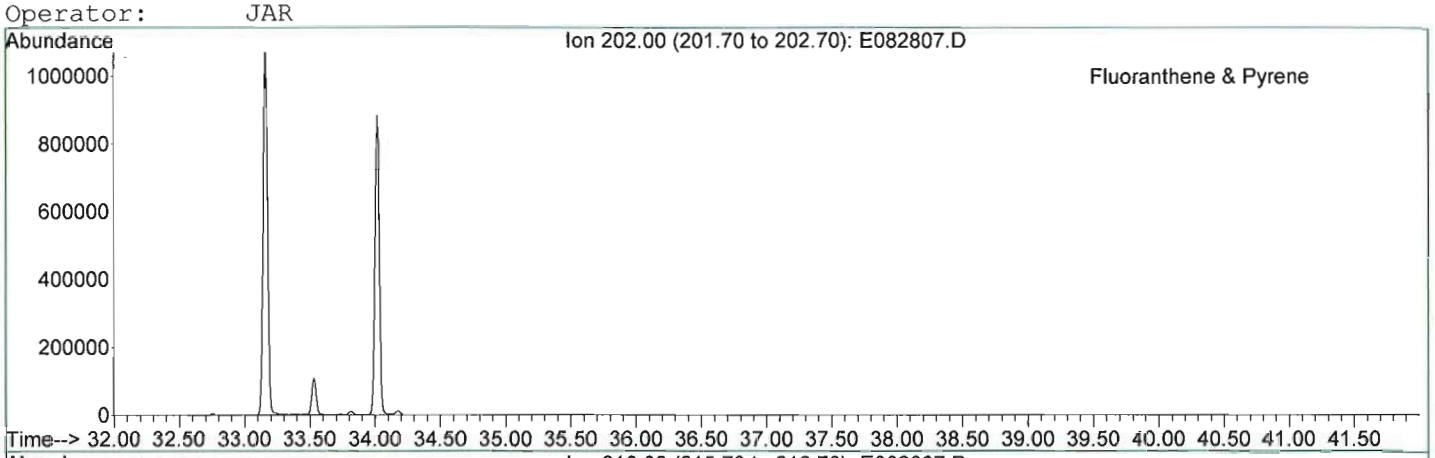
File: J:\1\DATA\E060828\E082807.D
Date Acquired: 29 Aug 2006 4:17 am
Method File: 4008SIM2.M
Sample Name: LA060823-01-D
Misc Info: RPII-NW - 20X
Operator: JAR

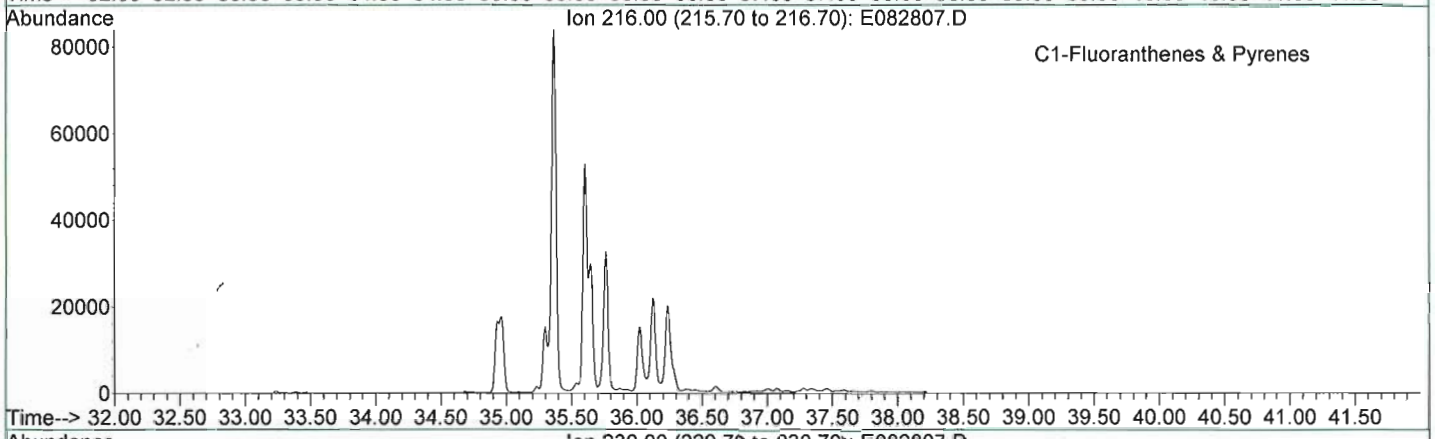


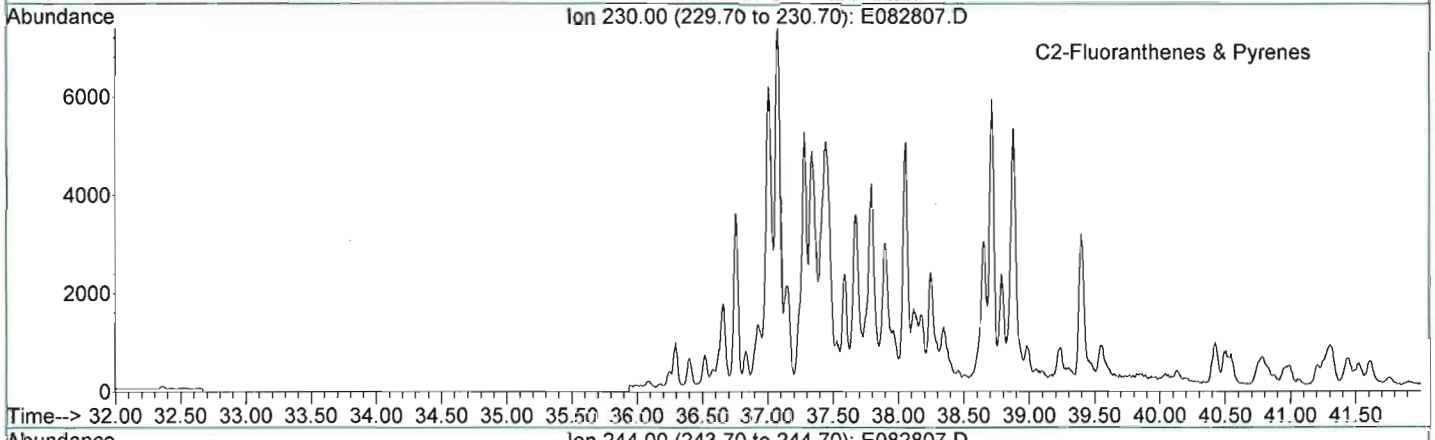
META Environmental, Inc.

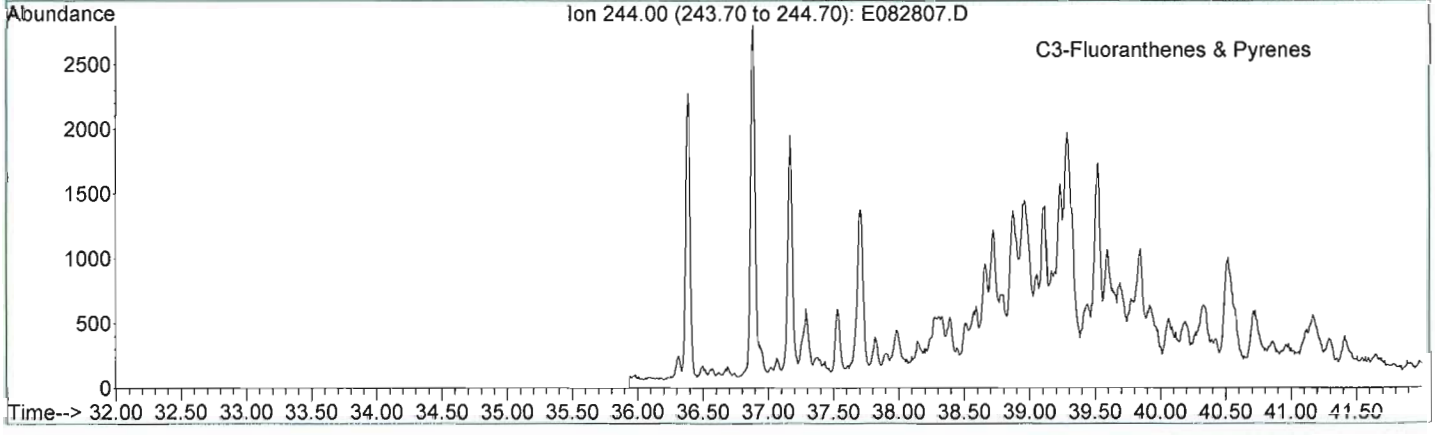
GC/MS EXTRACTED ION CHROMATOGRAM

File: J:\1\DATA\E060828\E082807.D
Date Acquired: 29 Aug 2006 4:17 am
Method File: 4008SIM2.M
Sample Name: LA060823-01-D
Misc Info: RPII-NW - 20X
Operator: JAR









META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

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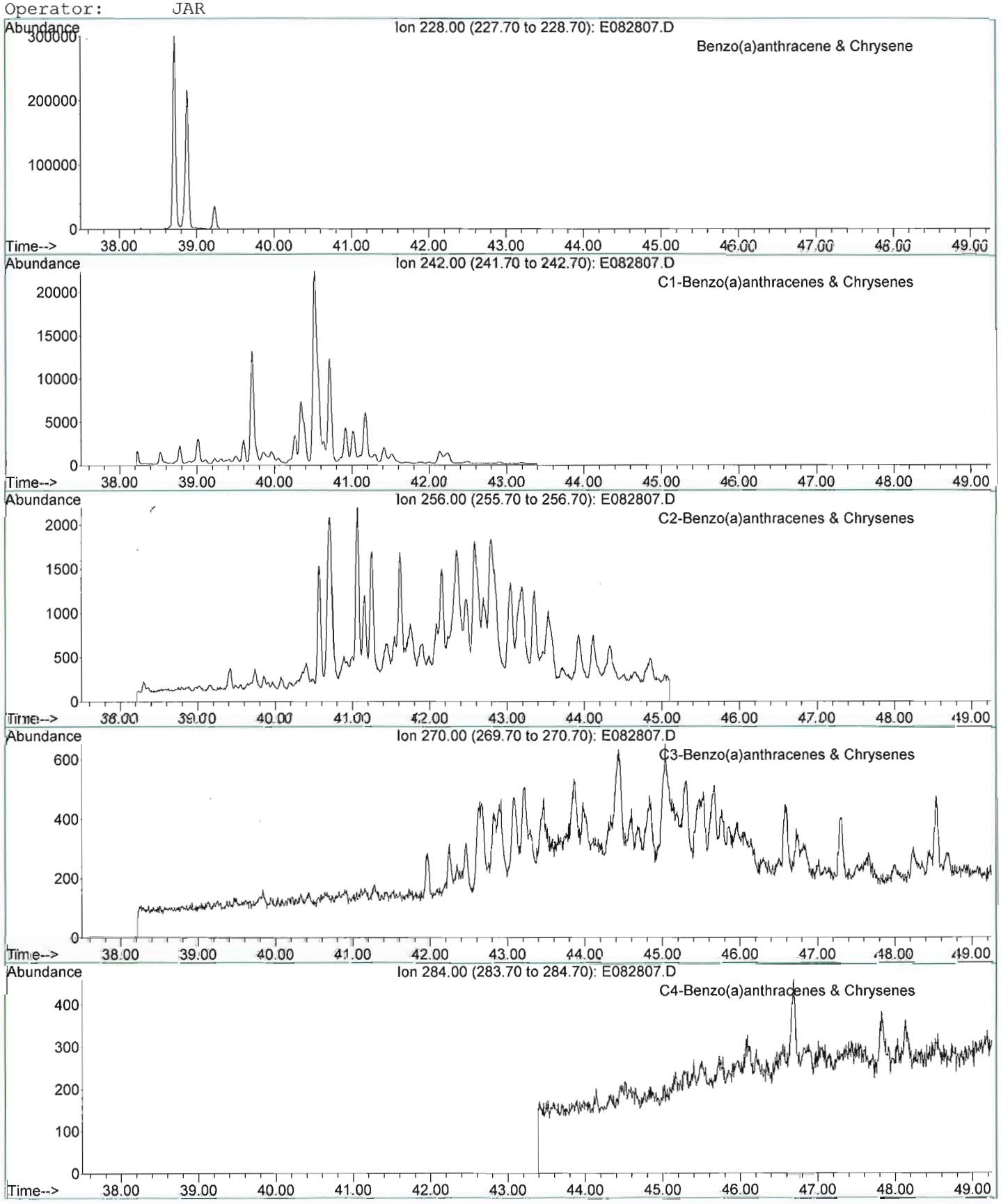
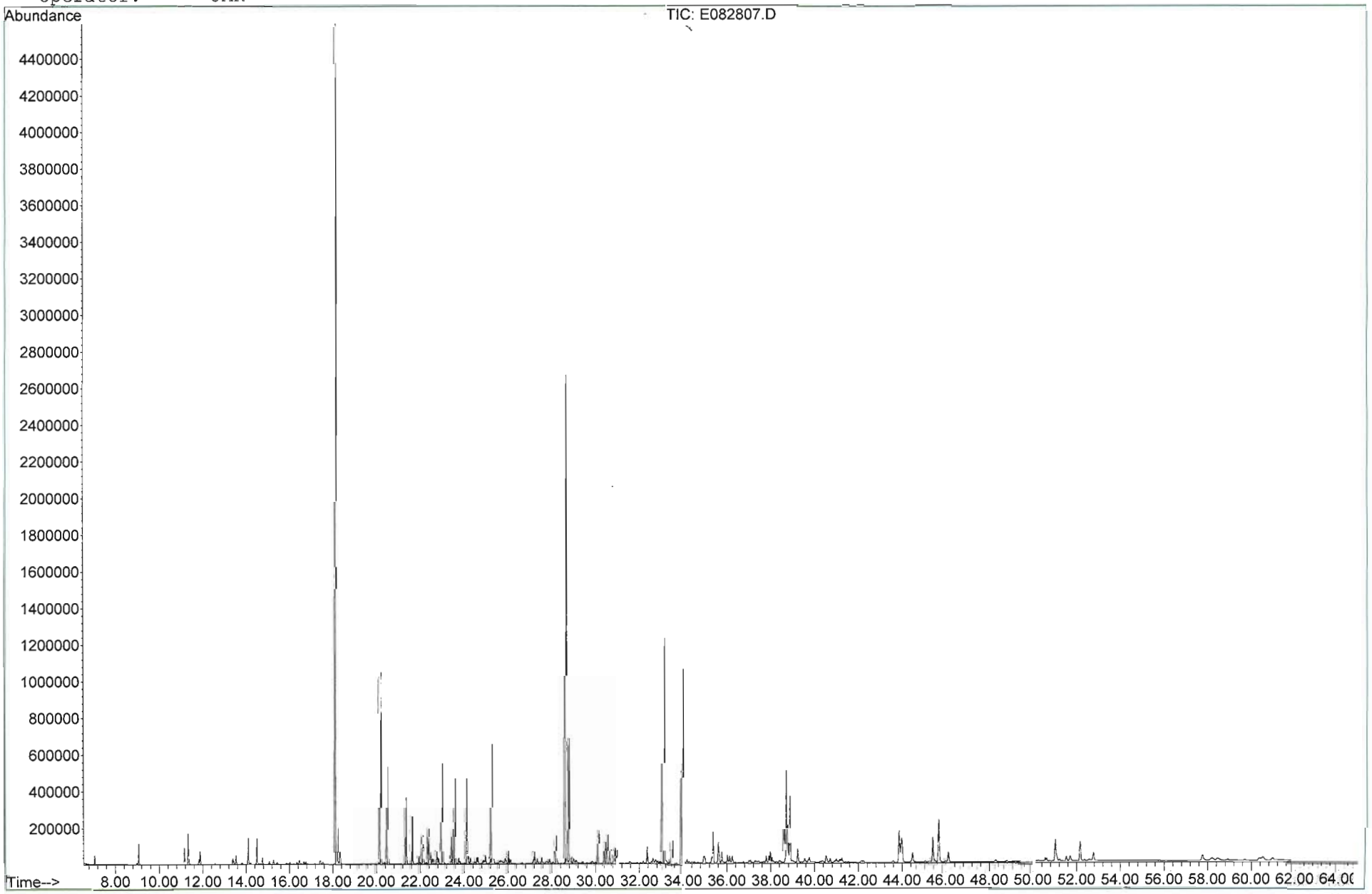
Date Acquired: 29 Aug 2006 4:17 am
Method File: 4008SIM2.M
Sample Name: LA060823-01-D
Misc Info: RPII-NW - 20X
Operator: JAR



META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

File: J:\1\DATA\E060828\E082807.D
Date Acquired: 29 Aug 2006 4:17 am
Method File: 4008SIM2.M
Sample Name: LA060823-01-D
Misc Info: RPII-NW - 20X
Operator: JAR



Report Date:
22-Jan-07 15:55

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Langan Engineering & Environmental Services
21 Penn Plaza; 360 West 31st Street, 8th Floor
New York, NY 10001
Attn: Erik Muller

Project: Site 5582407 - Manhattan, NY
Project 5582407

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA56915-01	FB-011307	Drinking Water	13-Jan-07 16:30	16-Jan-07 10:50
SA56915-02	EPP2-2	Soil	13-Jan-07 15:00	16-Jan-07 10:50
SA56915-03	EPP2-1	Soil	13-Jan-07 15:10	16-Jan-07 10:50
SA56915-04	EPP2-5	Soil	13-Jan-07 14:45	16-Jan-07 10:50
SA56915-05	EPP2-3	Soil	13-Jan-07 15:20	16-Jan-07 10:50
SA56915-06	TB	Aqueous	13-Jan-07 00:00	16-Jan-07 10:50
SA56915-07	EPP2-4	Soil	13-Jan-07 14:25	16-Jan-07 10:50
SA56915-08	EPP2-7	Soil	13-Jan-07 13:50	16-Jan-07 10:50
SA56915-09	EPP2-6	Soil	13-Jan-07 14:15	16-Jan-07 10:50
SA56915-10	EPP2-8	Soil	13-Jan-07 13:30	16-Jan-07 10:50
SA56915-11	DUP-011307	Soil	13-Jan-07 00:00	16-Jan-07 10:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 80 pages of analytical data plus Chain of Custody document(s).

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-011307 SA56915-01	5582407	Drinking Water	13-Jan-07 16:30	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5030 Water MS												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/l	1.0	0.4	1	SW 846 8260B	17-Jan-07	17-Jan-07	7011061	ek
67-64-1	Acetone	BRL	U	µg/l	10.0	2.6	1	"	"	"	"	"
71-43-2	Benzene	BRL	U	µg/l	1.0	0.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	4.4	J	µg/l	10.0	2.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL	U	µg/l	5.0	0.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL	U	µg/l	1.0	0.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL	U	µg/l	2.0	0.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL	U	µg/l	1.0	0.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL	U	µg/l	1.0	0.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL	U	µg/l	1.0	0.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL	U	µg/l	1.0	0.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL	U	µg/l	1.0	0.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL	U	µg/l	1.0	0.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL	U	µg/l	1.0	0.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL	U	µg/l	1.0	0.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL	U	µg/l	1.0	0.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	U	µg/l	10.0	0.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL	U	µg/l	10.0	0.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL	U	µg/l	1.0	0.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL	U	µg/l	1.0	0.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL	U	µg/l	1.0	0.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL	U	µg/l	1.0	0.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL	U	µg/l	2.0	0.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*				"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*				"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*94.2*		*70-130 %*				"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*				"	"	"	"	"
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3510C												
12674-11-2	PCB 1016	BRL	U	µg/l	0.216	0.0703	1	SW846 8082	18-Jan-07	19-Jan-07	7011116	MP
11104-28-2	PCB 1221	BRL	U	µg/l	0.216	0.0681	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/l	0.216	0.165	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/l	0.216	0.142	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/l	0.216	0.167	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/l	0.216	0.0502	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/l	0.216	0.0581	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40.0*		*30-150 %*				"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*69.9*		*30-150 %*				"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-011307 SA56915-01	5582407	Drinking Water	13-Jan-07 16:30	16-Jan-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilutio*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3510C												
83-32-9	Acenaphthene	BRL	U	µg/l	5.88	0.141	1	SW846 8270C	17-Jan-07	18-Jan-07	7011028	M.B
208-96-8	Acenaphthylene	BRL	U	µg/l	5.88	0.176	1	"	"	"	"	"
62-53-3	Aniline	BRL	U	µg/l	5.88	0.447	1	"	"	"	"	"
120-12-7	Anthracene	BRL	U	µg/l	5.88	0.176	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL	U	µg/l	5.88	0.376	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL	U	µg/l	5.88	0.200	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL	U	µg/l	5.88	0.776	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL	U	µg/l	5.88	0.165	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL	U	µg/l	5.88	0.235	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL	U	µg/l	5.88	0.106	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL	U	µg/l	5.88	1.12	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL	U	µg/l	5.88	0.671	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL	U	µg/l	5.88	0.212	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL	U	µg/l	5.88	0.565	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL	U	µg/l	5.88	0.118	1	"	"	"	"	"
218-01-9	Chrysene	BRL	U	µg/l	5.88	0.0824	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL	U	µg/l	5.88	0.0941	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL	U	µg/l	5.88	0.0706	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL	U	µg/l	5.88	0.424	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL	U	µg/l	5.88	0.153	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL	U	µg/l	5.88	0.188	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL	U	µg/l	5.88	0.165	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL	U	µg/l	5.88	0.153	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL	U	µg/l	5.88	0.365	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL	U	µg/l	5.88	0.141	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL	U	µg/l	5.88	0.282	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL	U	µg/l	5.88	0.141	1	"	"	"	"	"
86-73-7	Fluorene	BRL	U	µg/l	5.88	0.141	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL	U	µg/l	5.88	0.435	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL	U	µg/l	5.88	0.271	1	"	"	"	"	"
78-59-1	Isophorone	BRL	U	µg/l	5.88	0.353	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL	U	µg/l	5.88	0.129	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL	U	µg/l	5.88	0.247	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL	U	µg/l	11.8	0.282	1	"	"	"	"	"
91-20-3	Naphthalene	BRL	U	µg/l	5.88	0.224	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL	U	µg/l	5.88	0.0706	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL	U	µg/l	5.88	0.200	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL	U	µg/l	5.88	0.212	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL	U	µg/l	5.88	0.271	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL	U	µg/l	23.5	0.306	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL	U	µg/l	23.5	0.376	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL	U	µg/l	5.88	0.271	1	"	"	"	"	"
108-95-2	Phenol	BRL	U	µg/l	5.88	0.118	1	"	"	"	"	"
129-00-0	Pyrene	BRL	U	µg/l	5.88	0.412	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL	U	µg/l	5.88	0.118	1	"	"	"	"	"
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*42.9*		*30-130 %*				"	"	"	"	"
367-12-4	*2-Fluorophenol*	*43.4*		*15-110 %*				"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*37.6*		*30-130 %*				"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-011307 SA56915-01	5582407	Drinking Water	13-Jan-07 16:30	16-Jan-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilutio*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3510C												
4165-62-2	*Phenol-d5*	*41.0*		*15-110 %*				SW846 8270C	17-Jan-07	18-Jan-07	7011028	M.B
1718-51-0	*Terphenyl-dl4*	*44.2*		*30-130 %*				"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*36.4*		*15-110 %*				"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods												
7440-22-4	Silver	BRL	U	mg/l	0.0050	0.0008	1	SW846 6010B	17-Jan-07	18-Jan-07	7011035	LR
7429-90-5	Aluminum	0.0219	J	mg/l	0.0400	0.0112	1	"	"	"	"	"
7440-38-2	Arsenic	0.0062		mg/l	0.0040	0.0022	1	"	"	"	"	"
7440-39-3	Barium	0.0019	J	mg/l	0.0050	0.0012	1	"	"	"	"	"
7440-41-7	Beryllium	BRL	U	mg/l	0.0020	0.0006	1	"	"	"	"	"
7440-70-2	Calcium	0.233		mg/l	0.0500	0.0218	1	"	"	"	"	"
7440-43-9	Cadmium	0.0005	J	mg/l	0.0025	0.0002	1	"	"	"	"	"
7440-48-4	Cobalt	BRL	U	mg/l	0.0050	0.0002	1	"	"	"	"	"
7440-47-3	Chromium	0.0058		mg/l	0.0050	0.0017	1	"	"	"	"	"
7440-50-8	Copper	BRL	U	mg/l	0.0050	0.0010	1	"	"	"	"	"
7439-89-6	Iron	0.0230	J	mg/l	0.0325	0.0024	1	"	"	"	"	"
7440-09-7	Potassium	0.171	J	mg/l	0.250	0.0548	1	"	"	"	"	"
7439-95-4	Magnesium	0.0118	J	mg/l	0.0250	0.0049	1	"	"	"	"	"
7439-96-5	Manganese	0.0012		mg/l	0.0010	0.0008	1	"	"	"	"	"
7440-23-5	Sodium	0.614	J	mg/l	1.00	0.0353	1	"	"	"	"	"
7440-02-0	Nickel	BRL	U	mg/l	0.0050	0.0018	1	"	"	"	"	"
7439-92-1	Lead	0.0124		mg/l	0.0075	0.0023	1	"	"	"	"	"
7440-36-0	Antimony	0.0156	J	mg/l	0.0175	0.0006	1	"	"	"	"	"
7782-49-2	Selenium	0.0077	J	mg/l	0.0150	0.0060	1	"	"	"	"	"
7440-28-0	Thallium	BRL	U	mg/l	0.0100	0.0026	1	"	"	"	"	"
7440-62-2	Vanadium	0.0010	J	mg/l	0.0050	0.0006	1	"	"	"	"	"
7440-66-6	Zinc	0.0464	J	mg/l	0.0500	0.0039	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods												
7439-97-6	Mercury	BRL	U	mg/l	0.00020	0.00004	1	EPA 245.1/7470A	17-Jan-07	18-Jan-07	7011037	YP
General Chemistry Parameters												
57-12-5	Cyanide (total)	BRL	U	mg/l	0.0100	0.00300	1	10-204-00-1-A / SW846 9012A	18-Jan-07	18-Jan-07	7011176	RLT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-2	5582407	Soil	13-Jan-07 15:00	16-Jan-07
SA56915-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds												
	VOC Extraction	Lab extracted		N/A			1	VOC	16-Jan-07	16-Jan-07	7011016	BD
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg dry	7.5	3.1	1	SW 846 8260B	16-Jan-07	17-Jan-07	7011003	RLJ
67-64-1	Acetone	BRL	U	µg/kg dry	150	65.8	1	"	"	"	"	"
71-43-2	Benzene	BRL	U	µg/kg dry	7.5	0.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL	U	µg/kg dry	75.1	5.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL	U	µg/kg dry	37.5	0.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL	U	µg/kg dry	7.5	0.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL	U	µg/kg dry	7.5	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL	U	µg/kg dry	15.0	1.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL	U	µg/kg dry	7.5	0.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL	U	µg/kg dry	7.5	1.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL	U	µg/kg dry	7.5	1.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL	U	µg/kg dry	7.5	0.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL	U	µg/kg dry	7.5	1.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL	U	µg/kg dry	7.5	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL	U	µg/kg dry	7.5	0.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL	U	µg/kg dry	7.5	0.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL	U	µg/kg dry	7.5	0.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL	U	µg/kg dry	7.5	0.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL	U	µg/kg dry	7.5	0.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg dry	75.1	0.8	1	"	"	"	"	"
75-09-2	Methylene chloride	10.3	O01, J	µg/kg dry	75.1	3.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL	U	µg/kg dry	7.5	1.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL	U	µg/kg dry	7.5	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL	U	µg/kg dry	7.5	1.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL	U	µg/kg dry	7.5	0.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL	U	µg/kg dry	7.5	0.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL	U	µg/kg dry	7.5	0.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL	U	µg/kg dry	7.5	0.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL	U	µg/kg dry	7.5	0.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL	U	µg/kg dry	15.0	1.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL	U	µg/kg dry	7.5	1.4	1	"	"	"	"	"
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*92.8*		*70-130 %*				"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*				"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*				"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*				"	"	"	"	"
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	32.1	2.02	1	SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	32.1	2.02	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	32.1	4.71	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	32.1	4.04	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	32.1	4.82	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	32.1	1.46	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	32.1	1.68	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95.0*		*30-150 %*				"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-2 SA56915-02	5582407	Soil	13-Jan-07 15:00	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*30-150 %*				SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3550B												
83-32-9	Acenaphthene	BRL	U	µg/kg dry	241	5.84	1	SW846 8270C	16-Jan-07	17-Jan-07	7010938	M.B
208-96-8	Acenaphthylene	BRL	U	µg/kg dry	241	7.31	1	"	"	"	"	"
62-53-3	Aniline	BRL	U	µg/kg dry	241	18.6	1	"	"	"	"	"
120-12-7	Anthracene	BRL	U	µg/kg dry	241	7.31	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL	U	µg/kg dry	241	15.6	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL	U	µg/kg dry	241	8.26	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL	U	µg/kg dry	241	32.1	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL	U	µg/kg dry	241	6.79	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL	U	µg/kg dry	241	9.72	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL	U	µg/kg dry	241	4.38	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg dry	241	46.3	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL	U	µg/kg dry	241	27.8	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL	U	µg/kg dry	241	8.77	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL	U	µg/kg dry	241	23.4	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL	U	µg/kg dry	241	4.87	1	"	"	"	"	"
218-01-9	Chrysene	BRL	U	µg/kg dry	241	3.43	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL	U	µg/kg dry	241	3.87	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL	U	µg/kg dry	241	2.92	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL	U	µg/kg dry	241	17.5	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL	U	µg/kg dry	241	6.36	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL	U	µg/kg dry	241	7.82	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL	U	µg/kg dry	241	6.79	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL	U	µg/kg dry	241	6.36	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL	U	µg/kg dry	241	15.1	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL	U	µg/kg dry	241	5.84	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL	U	µg/kg dry	241	11.7	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL	U	µg/kg dry	241	5.84	1	"	"	"	"	"
86-73-7	Fluorene	BRL	U	µg/kg dry	241	5.84	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL	U	µg/kg dry	241	18.0	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg dry	241	11.2	1	"	"	"	"	"
78-59-1	Isophorone	BRL	U	µg/kg dry	241	14.6	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL	U	µg/kg dry	241	5.33	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL	U	µg/kg dry	241	10.2	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL	U	µg/kg dry	241	5.84	1	"	"	"	"	"
91-20-3	Naphthalene	BRL	U	µg/kg dry	241	9.28	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL	U	µg/kg dry	241	2.92	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL	U	µg/kg dry	241	8.26	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL	U	µg/kg dry	241	8.77	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL	U	µg/kg dry	241	11.2	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL	U	µg/kg dry	964	12.6	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL	U	µg/kg dry	964	15.6	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL	U	µg/kg dry	241	11.2	1	"	"	"	"	"
108-95-2	Phenol	BRL	U	µg/kg dry	241	4.87	1	"	"	"	"	"
129-00-0	Pyrene	BRL	U	µg/kg dry	241	17.1	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL	U	µg/kg dry	241	4.87	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-2 SA56915-02	5582407	Soil	13-Jan-07 15:00	16-Jan-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilutio*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3550B												
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*73.8*		*30-130 %*				SW846 8270C	16-Jan-07	17-Jan-07	7010938	M.B
367-12-4	*2-Fluorophenol*	*84.0*		*15-110 %*				"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*68.0*		*30-130 %*				"	"	"	"	"
4165-62-2	*Phenol-d5*	*73.8*		*15-110 %*				"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75.0*		*30-130 %*				"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53.7*		*15-110 %*				"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods												
7440-22-4	Silver	BRL	U	mg/kg dry	0.977	0.777	1	SW846 6010B	17-Jan-07	19-Jan-07	7011022	LR
7429-90-5	Aluminum	2,690		mg/kg dry	1.47	1.09	1	"	"	"	"	"
7440-38-2	Arsenic	0.899	J	mg/kg dry	1.47	0.381	1	"	"	"	"	"
7440-39-3	Barium	30.9		mg/kg dry	0.489	0.161	1	"	"	"	"	"
7440-41-7	Beryllium	0.166	J	mg/kg dry	0.195	0.0708	1	"	"	"	"	"
7440-70-2	Calcium	823		mg/kg dry	4.89	4.72	1	"	"	"	"	"
7440-43-9	Cadmium	BRL	U	mg/kg dry	0.244	0.0244	1	"	"	"	"	"
7440-48-4	Cobalt	2.14		mg/kg dry	0.489	0.0342	1	"	"	"	"	"
7440-47-3	Chromium	5.70		mg/kg dry	0.489	0.230	1	"	"	"	"	"
7440-50-8	Copper	6.61		mg/kg dry	0.489	0.156	1	"	"	"	"	"
7439-89-6	Iron	4,650		mg/kg dry	0.489	0.391	1	"	"	"	"	"
7439-97-6	Mercury	BRL	U	mg/kg dry	0.0328	0.0066	1	SW846 7471A	"	18-Jan-07	7011023	YP
7440-09-7	Potassium	802		mg/kg dry	9.77	2.19	1	SW846 6010B	"	19-Jan-07	7011022	LR
7439-95-4	Magnesium	1,210		mg/kg dry	2.44	0.474	1	"	"	"	"	"
7439-96-5	Manganese	60.8		mg/kg dry	0.0977	0.0748	1	"	"	"	"	"
7440-23-5	Sodium	208		mg/kg dry	4.89	3.99	1	"	"	"	"	"
7440-02-0	Nickel	5.66		mg/kg dry	3.42	0.171	1	"	"	"	"	"
7439-92-1	Lead	2.23		mg/kg dry	0.733	0.220	1	"	"	"	"	"
7440-36-0	Antimony	0.376	J	mg/kg dry	1.47	0.249	1	"	"	"	"	"
7782-49-2	Selenium	BRL	U	mg/kg dry	1.47	0.581	1	"	"	"	"	"
7440-28-0	Thallium	BRL	U	mg/kg dry	1.47	0.244	1	"	"	"	"	"
7440-62-2	Vanadium	8.86		mg/kg dry	0.489	0.0635	1	"	"	"	"	"
7440-66-6	Zinc	14.1	J	mg/kg dry	19.5	0.151	1	"	"	"	"	"
General Chemistry Parameters												
	% Solids	91.1		%			1	SM2540 G Mod.	17-Jan-07	17-Jan-07	7011076	JRY
57-12-5	Cyanide (total)	BRL	U	mg/kg dry	0.993	0.397	1	10-204-00-1-A / SW846 9012A	22-Jan-07	22-Jan-07	7011326	RLT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-1	5582407	Soil	13-Jan-07 15:10	16-Jan-07
SA56915-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds												
	VOC Extraction	Lab extracted		N/A			1	VOC	16-Jan-07	16-Jan-07	7011016	BD
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg dry	6.4	2.6	1	SW 846 8260B	16-Jan-07	17-Jan-07	7011003	RLJ
67-64-1	Acetone	BRL	U	µg/kg dry	128	56.3	1	"	"	"	"	"
71-43-2	Benzene	BRL	U	µg/kg dry	6.4	0.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL	U	µg/kg dry	64.2	4.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL	U	µg/kg dry	32.1	0.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL	U	µg/kg dry	6.4	0.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL	U	µg/kg dry	12.8	1.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL	U	µg/kg dry	6.4	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL	U	µg/kg dry	6.4	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL	U	µg/kg dry	6.4	1.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL	U	µg/kg dry	6.4	0.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL	U	µg/kg dry	6.4	0.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL	U	µg/kg dry	6.4	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL	U	µg/kg dry	6.4	0.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg dry	64.2	0.7	1	"	"	"	"	"
75-09-2	Methylene chloride	7.4	O01, J	µg/kg dry	64.2	3.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL	U	µg/kg dry	6.4	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL	U	µg/kg dry	6.4	0.4	1	"	"	"	"	"
108-88-3	Toluene	BRL	U	µg/kg dry	6.4	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL	U	µg/kg dry	6.4	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL	U	µg/kg dry	6.4	0.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL	U	µg/kg dry	6.4	0.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL	U	µg/kg dry	6.4	0.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL	U	µg/kg dry	12.8	1.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL	U	µg/kg dry	6.4	1.2	1	"	"	"	"	"
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*93.0*		*70-130 %*				"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*				"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*				"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*				"	"	"	"	"
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	31.2	1.97	1	SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	31.2	1.97	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	31.2	4.59	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	31.2	3.93	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	31.2	4.70	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	31.2	1.42	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	31.2	1.64	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75.0*		*30-150 %*				"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-1 SA56915-03	5582407	Soil	13-Jan-07 15:10	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*		*30-150 %*				SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3550B												
83-32-9	Acenaphthene	BRL	U	µg/kg dry	249	6.04	1	SW846 8270C	16-Jan-07	17-Jan-07	7010938	M.B
208-96-8	Acenaphthylene	BRL	U	µg/kg dry	249	7.55	1	"	"	"	"	"
62-53-3	Aniline	BRL	U	µg/kg dry	249	19.2	1	"	"	"	"	"
120-12-7	Anthracene	BRL	U	µg/kg dry	249	7.55	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL	U	µg/kg dry	249	16.1	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL	U	µg/kg dry	249	8.53	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL	U	µg/kg dry	249	33.2	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL	U	µg/kg dry	249	7.02	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL	U	µg/kg dry	249	10.0	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL	U	µg/kg dry	249	4.53	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg dry	249	47.8	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL	U	µg/kg dry	249	28.7	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL	U	µg/kg dry	249	9.06	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL	U	µg/kg dry	249	24.1	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL	U	µg/kg dry	249	5.03	1	"	"	"	"	"
218-01-9	Chrysene	BRL	U	µg/kg dry	249	3.55	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL	U	µg/kg dry	249	4.00	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL	U	µg/kg dry	249	3.02	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL	U	µg/kg dry	249	18.1	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL	U	µg/kg dry	249	6.57	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL	U	µg/kg dry	249	8.07	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL	U	µg/kg dry	249	7.02	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL	U	µg/kg dry	249	6.57	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL	U	µg/kg dry	249	15.6	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL	U	µg/kg dry	249	6.04	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL	U	µg/kg dry	249	12.1	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL	U	µg/kg dry	249	6.04	1	"	"	"	"	"
86-73-7	Fluorene	BRL	U	µg/kg dry	249	6.04	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL	U	µg/kg dry	249	18.6	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg dry	249	11.5	1	"	"	"	"	"
78-59-1	Isophorone	BRL	U	µg/kg dry	249	15.1	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL	U	µg/kg dry	249	5.51	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL	U	µg/kg dry	249	10.6	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL	U	µg/kg dry	249	6.04	1	"	"	"	"	"
91-20-3	Naphthalene	BRL	U	µg/kg dry	249	9.58	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL	U	µg/kg dry	249	3.02	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL	U	µg/kg dry	249	8.53	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL	U	µg/kg dry	249	9.06	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL	U	µg/kg dry	249	11.5	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL	U	µg/kg dry	996	13.1	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL	U	µg/kg dry	996	16.1	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL	U	µg/kg dry	249	11.5	1	"	"	"	"	"
108-95-2	Phenol	BRL	U	µg/kg dry	249	5.03	1	"	"	"	"	"
129-00-0	Pyrene	BRL	U	µg/kg dry	249	17.7	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL	U	µg/kg dry	249	5.03	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-1 SA56915-03	5582407	Soil	13-Jan-07 15:10	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3550B												
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*74.2*		*30-130 %*				SW846 8270C	16-Jan-07	17-Jan-07	7010938	M.B
367-12-4	*2-Fluorophenol*	*82.9*		*15-110 %*				"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*66.7*		*30-130 %*				"	"	"	"	"
4165-62-2	*Phenol-d5*	*71.4*		*15-110 %*				"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76.2*		*30-130 %*				"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*61.5*		*15-110 %*				"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods												
7440-22-4	Silver	BRL	U	mg/kg dry	0.996	0.792	1	SW846 6010B	17-Jan-07	19-Jan-07	7011022	LR
7429-90-5	Aluminum	1,660		mg/kg dry	1.49	1.12	1	"	"	"	"	"
7440-38-2	Arsenic	0.488	J	mg/kg dry	1.49	0.389	1	"	"	"	"	"
7440-39-3	Barium	18.2		mg/kg dry	0.498	0.164	1	"	"	"	"	"
7440-41-7	Beryllium	0.0946	J	mg/kg dry	0.199	0.0722	1	"	"	"	"	"
7440-70-2	Calcium	584		mg/kg dry	4.98	4.81	1	"	"	"	"	"
7440-43-9	Cadmium	BRL	U	mg/kg dry	0.249	0.0249	1	"	"	"	"	"
7440-48-4	Cobalt	1.57		mg/kg dry	0.498	0.0349	1	"	"	"	"	"
7440-47-3	Chromium	2.95		mg/kg dry	0.498	0.234	1	"	"	"	"	"
7440-50-8	Copper	2.98		mg/kg dry	0.498	0.159	1	"	"	"	"	"
7439-89-6	Iron	2,640		mg/kg dry	0.498	0.398	1	"	"	"	"	"
7439-97-6	Mercury	BRL	U	mg/kg dry	0.0332	0.0066	1	SW846 7471A	"	18-Jan-07	7011023	YP
7440-09-7	Potassium	544		mg/kg dry	9.96	2.23	1	SW846 6010B	"	19-Jan-07	7011022	LR
7439-95-4	Magnesium	801		mg/kg dry	2.49	0.483	1	"	"	"	"	"
7439-96-5	Manganese	59.9		mg/kg dry	0.0996	0.0762	1	"	"	"	"	"
7440-23-5	Sodium	122		mg/kg dry	4.98	4.07	1	"	"	"	"	"
7440-02-0	Nickel	3.83		mg/kg dry	3.49	0.174	1	"	"	"	"	"
7439-92-1	Lead	1.35		mg/kg dry	0.747	0.224	1	"	"	"	"	"
7440-36-0	Antimony	0.264	J	mg/kg dry	1.49	0.254	1	"	"	"	"	"
7782-49-2	Selenium	BRL	U	mg/kg dry	1.49	0.593	1	"	"	"	"	"
7440-28-0	Thallium	BRL	U	mg/kg dry	1.49	0.249	1	"	"	"	"	"
7440-62-2	Vanadium	4.79		mg/kg dry	0.498	0.0648	1	"	"	"	"	"
7440-66-6	Zinc	7.57	J	mg/kg dry	19.9	0.154	1	"	"	"	"	"
General Chemistry Parameters												
	% Solids	89.3		%			1	SM2540 G Mod.	17-Jan-07	17-Jan-07	7011076	JRY
57-12-5	Cyanide (total)	BRL	U	mg/kg dry	0.978	0.391	1	10-204-00-1-A / SW846 9012A	22-Jan-07	22-Jan-07	7011326	RLT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-5	5582407	Soil	13-Jan-07 14:45	16-Jan-07
SA56915-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds												
	VOC Extraction	Lab extracted		N/A			1	VOC	16-Jan-07	16-Jan-07	7011016	BD
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg dry	6.0	2.5	1	SW 846 8260B	16-Jan-07	17-Jan-07	7011003	RLJ
67-64-1	Acetone	BRL	U	µg/kg dry	120	52.6	1	"	"	"	"	"
71-43-2	Benzene	BRL	U	µg/kg dry	6.0	0.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	5.8	J	µg/kg dry	60.0	4.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL	U	µg/kg dry	30.0	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL	U	µg/kg dry	6.0	0.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL	U	µg/kg dry	6.0	0.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL	U	µg/kg dry	12.0	1.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL	U	µg/kg dry	6.0	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL	U	µg/kg dry	6.0	0.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL	U	µg/kg dry	6.0	1.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL	U	µg/kg dry	6.0	0.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL	U	µg/kg dry	6.0	0.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL	U	µg/kg dry	6.0	0.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL	U	µg/kg dry	6.0	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL	U	µg/kg dry	6.0	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL	U	µg/kg dry	6.0	0.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL	U	µg/kg dry	6.0	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL	U	µg/kg dry	6.0	0.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg dry	60.0	0.7	1	"	"	"	"	"
75-09-2	Methylene chloride	6.7	O01, J	µg/kg dry	60.0	2.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL	U	µg/kg dry	6.0	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL	U	µg/kg dry	6.0	0.4	1	"	"	"	"	"
108-88-3	Toluene	BRL	U	µg/kg dry	6.0	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL	U	µg/kg dry	6.0	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL	U	µg/kg dry	6.0	0.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL	U	µg/kg dry	6.0	0.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL	U	µg/kg dry	6.0	0.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL	U	µg/kg dry	6.0	0.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL	U	µg/kg dry	12.0	1.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL	U	µg/kg dry	6.0	1.1	1	"	"	"	"	"
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*93.4*		*70-130 %*				"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*				"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*				"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*				"	"	"	"	"
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	31.3	1.97	1	SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	31.3	1.97	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	31.3	4.60	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	31.3	3.94	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	31.3	4.71	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	31.3	1.42	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	31.3	1.64	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85.0*		*30-150 %*				"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-5 SA56915-04	5582407	Soil	13-Jan-07 14:45	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*		*30-150 %*				SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3550B												
83-32-9	Acenaphthene	BRL	U	µg/kg dry	257	6.22	1	SW846 8270C	16-Jan-07	17-Jan-07	7010938	M.B
208-96-8	Acenaphthylene	BRL	U	µg/kg dry	257	7.78	1	"	"	"	"	"
62-53-3	Aniline	BRL	U	µg/kg dry	257	19.8	1	"	"	"	"	"
120-12-7	Anthracene	BRL	U	µg/kg dry	257	7.78	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL	U	µg/kg dry	257	16.6	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL	U	µg/kg dry	257	8.79	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL	U	µg/kg dry	257	34.2	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL	U	µg/kg dry	257	7.24	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL	U	µg/kg dry	257	10.3	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL	U	µg/kg dry	257	4.67	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg dry	257	49.3	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL	U	µg/kg dry	257	29.6	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL	U	µg/kg dry	257	9.34	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL	U	µg/kg dry	257	24.9	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL	U	µg/kg dry	257	5.19	1	"	"	"	"	"
218-01-9	Chrysene	BRL	U	µg/kg dry	257	3.66	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL	U	µg/kg dry	257	4.12	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL	U	µg/kg dry	257	3.11	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL	U	µg/kg dry	257	18.7	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL	U	µg/kg dry	257	6.77	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL	U	µg/kg dry	257	8.32	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL	U	µg/kg dry	257	7.24	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL	U	µg/kg dry	257	6.77	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL	U	µg/kg dry	257	16.1	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL	U	µg/kg dry	257	6.22	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL	U	µg/kg dry	257	12.4	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL	U	µg/kg dry	257	6.22	1	"	"	"	"	"
86-73-7	Fluorene	BRL	U	µg/kg dry	257	6.22	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL	U	µg/kg dry	257	19.2	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg dry	257	11.9	1	"	"	"	"	"
78-59-1	Isophorone	BRL	U	µg/kg dry	257	15.6	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL	U	µg/kg dry	257	5.68	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL	U	µg/kg dry	257	10.9	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL	U	µg/kg dry	257	6.22	1	"	"	"	"	"
91-20-3	Naphthalene	BRL	U	µg/kg dry	257	9.88	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL	U	µg/kg dry	257	3.11	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL	U	µg/kg dry	257	8.79	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL	U	µg/kg dry	257	9.34	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL	U	µg/kg dry	257	11.9	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL	U	µg/kg dry	1030	13.5	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL	U	µg/kg dry	1030	16.6	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL	U	µg/kg dry	257	11.9	1	"	"	"	"	"
108-95-2	Phenol	BRL	U	µg/kg dry	257	5.19	1	"	"	"	"	"
129-00-0	Pyrene	BRL	U	µg/kg dry	257	18.2	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL	U	µg/kg dry	257	5.19	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-5 SA56915-04	5582407	Soil	13-Jan-07 14:45	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3550B												
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*78.8*		*30-130 %*				SW846 8270C	16-Jan-07	17-Jan-07	7010938	M.B
367-12-4	*2-Fluorophenol*	*71.0*		*15-110 %*				"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*64.5*		*30-130 %*				"	"	"	"	"
4165-62-2	*Phenol-d5*	*62.5*		*15-110 %*				"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*79.5*		*30-130 %*				"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*63.7*		*15-110 %*				"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods												
7440-22-4	Silver	BRL	U	mg/kg dry	0.935	0.743	1	SW846 6010B	17-Jan-07	19-Jan-07	7011022	LR
7429-90-5	Aluminum	4,690		mg/kg dry	1.40	1.05	1	"	"	"	"	"
7440-38-2	Arsenic	0.973	J	mg/kg dry	1.40	0.365	1	"	"	"	"	"
7440-39-3	Barium	100		mg/kg dry	0.468	0.154	1	"	"	"	"	"
7440-41-7	Beryllium	0.271		mg/kg dry	0.187	0.0678	1	"	"	"	"	"
7440-70-2	Calcium	4,730		mg/kg dry	4.68	4.52	1	"	"	"	"	"
7440-43-9	Cadmium	0.0468	J	mg/kg dry	0.234	0.0234	1	"	"	"	"	"
7440-48-4	Cobalt	3.40		mg/kg dry	0.468	0.0327	1	"	"	"	"	"
7440-47-3	Chromium	9.07		mg/kg dry	0.468	0.220	1	"	"	"	"	"
7440-50-8	Copper	6.89		mg/kg dry	0.468	0.150	1	"	"	"	"	"
7439-89-6	Iron	7,000		mg/kg dry	0.468	0.374	1	"	"	"	"	"
7439-97-6	Mercury	BRL	U	mg/kg dry	0.0328	0.0066	1	SW846 7471A	"	18-Jan-07	7011023	YP
7440-09-7	Potassium	1,640		mg/kg dry	9.35	2.09	1	SW846 6010B	"	19-Jan-07	7011022	LR
7439-95-4	Magnesium	2,890		mg/kg dry	2.34	0.454	1	"	"	"	"	"
7439-96-5	Manganese	262		mg/kg dry	0.0935	0.0715	1	"	"	"	"	"
7440-23-5	Sodium	276		mg/kg dry	4.68	3.82	1	"	"	"	"	"
7440-02-0	Nickel	8.82		mg/kg dry	3.27	0.164	1	"	"	"	"	"
7439-92-1	Lead	3.06		mg/kg dry	0.701	0.210	1	"	"	"	"	"
7440-36-0	Antimony	0.472	J	mg/kg dry	1.40	0.238	1	"	"	"	"	"
7782-49-2	Selenium	BRL	U	mg/kg dry	1.40	0.556	1	"	"	"	"	"
7440-28-0	Thallium	BRL	U	mg/kg dry	1.40	0.234	1	"	"	"	"	"
7440-62-2	Vanadium	15.4		mg/kg dry	0.468	0.0608	1	"	"	"	"	"
7440-66-6	Zinc	27.0		mg/kg dry	0.468	0.145	1	"	"	"	"	"
General Chemistry Parameters												
	% Solids	91.5		%			1	SM2540 G Mod.	17-Jan-07	17-Jan-07	7011076	JRY
57-12-5	Cyanide (total)	BRL	U	mg/kg dry	1.04	0.417	1	10-204-00-1-A / SW846 9012A	22-Jan-07	22-Jan-07	7011326	RLT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-3	5582407	Soil	13-Jan-07 15:20	16-Jan-07
SA56915-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds												
	VOC Extraction	Lab extracted		N/A			1	VOC	16-Jan-07	16-Jan-07	7011016	BD
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg dry	5.9	2.4	1	SW 846 8260B	16-Jan-07	17-Jan-07	7011003	RLJ
67-64-1	Acetone	BRL	U	µg/kg dry	118	51.5	1	"	"	"	"	"
71-43-2	Benzene	12.3		µg/kg dry	5.9	0.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL	U	µg/kg dry	58.8	4.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL	U	µg/kg dry	29.4	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL	U	µg/kg dry	5.9	0.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL	U	µg/kg dry	5.9	0.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL	U	µg/kg dry	11.8	1.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL	U	µg/kg dry	5.9	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL	U	µg/kg dry	5.9	0.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL	U	µg/kg dry	5.9	1.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL	U	µg/kg dry	5.9	0.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL	U	µg/kg dry	5.9	0.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL	U	µg/kg dry	5.9	0.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL	U	µg/kg dry	5.9	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL	U	µg/kg dry	5.9	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL	U	µg/kg dry	5.9	0.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL	U	µg/kg dry	5.9	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	1.8	J	µg/kg dry	5.9	0.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg dry	58.8	0.6	1	"	"	"	"	"
75-09-2	Methylene chloride	5.1	O01, J	µg/kg dry	58.8	2.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL	U	µg/kg dry	5.9	0.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL	U	µg/kg dry	5.9	0.4	1	"	"	"	"	"
108-88-3	Toluene	BRL	U	µg/kg dry	5.9	0.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL	U	µg/kg dry	5.9	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL	U	µg/kg dry	5.9	0.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL	U	µg/kg dry	5.9	0.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL	U	µg/kg dry	5.9	0.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL	U	µg/kg dry	5.9	0.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL	U	µg/kg dry	11.8	1.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL	U	µg/kg dry	5.9	1.1	1	"	"	"	"	"
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*92.8*		*70-130 %*				"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*				"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*				"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*				"	"	"	"	"
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	35.2	2.22	1	SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	35.2	2.22	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	35.2	5.18	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	35.2	4.44	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	35.2	5.30	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	35.2	1.60	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	35.2	1.85	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80.1*		*30-150 %*				"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-3 SA56915-05	5582407	Soil	13-Jan-07 15:20	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*30-150 %*				SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3550B												
83-32-9	Acenaphthene	BRL	U	µg/kg dry	280	6.78	1	SW846 8270C	16-Jan-07	17-Jan-07	7010938	M.B
208-96-8	Acenaphthylene	BRL	U	µg/kg dry	280	8.47	1	"	"	"	"	"
62-53-3	Aniline	BRL	U	µg/kg dry	280	21.5	1	"	"	"	"	"
120-12-7	Anthracene	BRL	U	µg/kg dry	280	8.47	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL	U	µg/kg dry	280	18.0	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL	U	µg/kg dry	280	9.57	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL	U	µg/kg dry	280	37.3	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL	U	µg/kg dry	280	7.88	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL	U	µg/kg dry	280	11.3	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL	U	µg/kg dry	280	5.08	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg dry	280	53.7	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL	U	µg/kg dry	280	32.2	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL	U	µg/kg dry	280	10.2	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL	U	µg/kg dry	280	27.1	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL	U	µg/kg dry	280	5.65	1	"	"	"	"	"
218-01-9	Chrysene	BRL	U	µg/kg dry	280	3.98	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL	U	µg/kg dry	280	4.49	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL	U	µg/kg dry	280	3.39	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL	U	µg/kg dry	280	20.3	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL	U	µg/kg dry	280	7.37	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL	U	µg/kg dry	280	9.07	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL	U	µg/kg dry	280	7.88	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL	U	µg/kg dry	280	7.37	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL	U	µg/kg dry	280	17.5	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL	U	µg/kg dry	280	6.78	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL	U	µg/kg dry	280	13.6	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL	U	µg/kg dry	280	6.78	1	"	"	"	"	"
86-73-7	Fluorene	BRL	U	µg/kg dry	280	6.78	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL	U	µg/kg dry	280	20.9	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg dry	280	13.0	1	"	"	"	"	"
78-59-1	Isophorone	BRL	U	µg/kg dry	280	16.9	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL	U	µg/kg dry	280	6.19	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL	U	µg/kg dry	280	11.9	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL	U	µg/kg dry	280	6.78	1	"	"	"	"	"
91-20-3	Naphthalene	BRL	U	µg/kg dry	280	10.8	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL	U	µg/kg dry	280	3.39	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL	U	µg/kg dry	280	9.57	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL	U	µg/kg dry	280	10.2	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL	U	µg/kg dry	280	13.0	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL	U	µg/kg dry	1120	14.7	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL	U	µg/kg dry	1120	18.0	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL	U	µg/kg dry	280	13.0	1	"	"	"	"	"
108-95-2	Phenol	BRL	U	µg/kg dry	280	5.65	1	"	"	"	"	"
129-00-0	Pyrene	BRL	U	µg/kg dry	280	19.8	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL	U	µg/kg dry	280	5.65	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-3 SA56915-05	5582407	Soil	13-Jan-07 15:20	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3550B												
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*79.1*		*30-130 %*				SW846 8270C	16-Jan-07	17-Jan-07	7010938	M.B
367-12-4	*2-Fluorophenol*	*86.2*		*15-110 %*				"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*62.8*		*30-130 %*				"	"	"	"	"
4165-62-2	*Phenol-d5*	*75.9*		*15-110 %*				"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*80.9*		*30-130 %*				"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*61.7*		*15-110 %*				"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods												
7440-22-4	Silver	BRL	U	mg/kg dry	1.05	0.833	1	SW846 6010B	17-Jan-07	19-Jan-07	7011022	LR
7429-90-5	Aluminum	6,080		mg/kg dry	1.57	1.17	1	"	"	"	"	"
7440-38-2	Arsenic	1.71		mg/kg dry	1.57	0.409	1	"	"	"	"	"
7440-39-3	Barium	100		mg/kg dry	0.524	0.173	1	"	"	"	"	"
7440-41-7	Beryllium	0.435		mg/kg dry	0.210	0.0760	1	"	"	"	"	"
7440-70-2	Calcium	3,420		mg/kg dry	5.24	5.06	1	"	"	"	"	"
7440-43-9	Cadmium	BRL	U	mg/kg dry	0.262	0.0262	1	"	"	"	"	"
7440-48-4	Cobalt	4.58		mg/kg dry	0.524	0.0367	1	"	"	"	"	"
7440-47-3	Chromium	13.1		mg/kg dry	0.524	0.246	1	"	"	"	"	"
7440-50-8	Copper	8.33		mg/kg dry	0.524	0.168	1	"	"	"	"	"
7439-89-6	Iron	10,200		mg/kg dry	0.524	0.419	1	"	"	"	"	"
7439-97-6	Mercury	BRL	U	mg/kg dry	0.0354	0.0071	1	SW846 7471A	"	18-Jan-07	7011023	YP
7440-09-7	Potassium	2,540		mg/kg dry	10.5	2.35	1	SW846 6010B	"	19-Jan-07	7011022	LR
7439-95-4	Magnesium	3,480		mg/kg dry	2.62	0.508	1	"	"	"	"	"
7439-96-5	Manganese	435		mg/kg dry	0.105	0.0802	1	"	"	"	"	"
7440-23-5	Sodium	363		mg/kg dry	5.24	4.28	1	"	"	"	"	"
7440-02-0	Nickel	12.2		mg/kg dry	3.67	0.183	1	"	"	"	"	"
7439-92-1	Lead	4.97		mg/kg dry	0.786	0.236	1	"	"	"	"	"
7440-36-0	Antimony	0.870	J	mg/kg dry	1.57	0.267	1	"	"	"	"	"
7782-49-2	Selenium	BRL	U	mg/kg dry	1.57	0.624	1	"	"	"	"	"
7440-28-0	Thallium	BRL	U	mg/kg dry	1.57	0.262	1	"	"	"	"	"
7440-62-2	Vanadium	22.5		mg/kg dry	0.524	0.0681	1	"	"	"	"	"
7440-66-6	Zinc	22.2		mg/kg dry	0.524	0.162	1	"	"	"	"	"
General Chemistry Parameters												
	% Solids	83.9		%			1	SM2540 G Mod.	17-Jan-07	17-Jan-07	7011076	JRY
57-12-5	Cyanide (total)	BRL	U	mg/kg dry	1.24	0.494	1	10-204-00-1-A / SW846 9012A	22-Jan-07	22-Jan-07	7011326	RLT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB SA56915-06	5582407	Aqueous	13-Jan-07 00:00	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5030 Water MS												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/l	1.0	0.4	1	SW 846 8260B	17-Jan-07	17-Jan-07	7011061	ek
67-64-1	Acetone	BRL	U	µg/l	10.0	2.6	1	"	"	"	"	"
71-43-2	Benzene	BRL	U	µg/l	1.0	0.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL	U	µg/l	10.0	2.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL	U	µg/l	5.0	0.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL	U	µg/l	1.0	0.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL	U	µg/l	2.0	0.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL	U	µg/l	1.0	0.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL	U	µg/l	1.0	0.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL	U	µg/l	1.0	0.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL	U	µg/l	1.0	0.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL	U	µg/l	1.0	0.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL	U	µg/l	1.0	0.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL	U	µg/l	1.0	0.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL	U	µg/l	1.0	0.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL	U	µg/l	1.0	0.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	U	µg/l	10.0	0.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL	U	µg/l	10.0	0.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL	U	µg/l	1.0	0.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL	U	µg/l	1.0	0.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL	U	µg/l	1.0	0.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL	U	µg/l	1.0	0.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL	U	µg/l	2.0	0.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL	U	µg/l	1.0	0.5	1	"	"	"	"	"
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*				"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*				"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*94.4*		*70-130 %*				"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*				"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-4	5582407	Soil	13-Jan-07 14:25	16-Jan-07
SA56915-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds												
	VOC Extraction	Lab extracted		N/A			1	VOC	16-Jan-07	16-Jan-07	7011016	BD
Volatile Organic Compounds			VOC8									
Prepared by method SW846 5030 Soil (high level)												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg dry	76.1	31.2	50	SW 846 8260B	18-Jan-07	18-Jan-07	7011165	RLJ
67-64-1	Acetone	BRL	U	µg/kg dry	1520	667	50	"	"	"	"	"
71-43-2	Benzene	BRL	U	µg/kg dry	76.1	8.4	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL	U	µg/kg dry	761	54.0	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL	U	µg/kg dry	381	6.8	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL	U	µg/kg dry	76.1	7.6	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL	U	µg/kg dry	76.1	9.9	50	"	"	"	"	"
75-00-3	Chloroethane	BRL	U	µg/kg dry	152	16.7	50	"	"	"	"	"
67-66-3	Chloroform	BRL	U	µg/kg dry	76.1	6.1	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL	U	µg/kg dry	76.1	11.4	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL	U	µg/kg dry	76.1	17.5	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL	U	µg/kg dry	76.1	7.6	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL	U	µg/kg dry	76.1	10.7	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL	U	µg/kg dry	76.1	5.3	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL	U	µg/kg dry	76.1	6.8	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL	U	µg/kg dry	76.1	6.1	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL	U	µg/kg dry	76.1	7.6	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL	U	µg/kg dry	76.1	6.8	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL	U	µg/kg dry	76.1	9.1	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg dry	761	8.4	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL	U	µg/kg dry	761	36.5	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL	U	µg/kg dry	76.1	12.2	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL	U	µg/kg dry	76.1	4.6	50	"	"	"	"	"
108-88-3	Toluene	BRL	U	µg/kg dry	76.1	12.2	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL	U	µg/kg dry	76.1	6.1	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL	U	µg/kg dry	76.1	9.1	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL	U	µg/kg dry	76.1	8.4	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL	U	µg/kg dry	76.1	7.6	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL	U	µg/kg dry	76.1	9.1	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL	U	µg/kg dry	152	17.5	50	"	"	"	"	"
95-47-6	o-Xylene	BRL	U	µg/kg dry	76.1	13.7	50	"	"	"	"	"
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*				"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*				"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*88.0*		*70-130 %*				"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98.4*		*70-130 %*				"	"	"	"	"
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	34.7	2.18	1	SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	34.7	2.18	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	34.7	5.09	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	34.7	4.37	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	34.7	5.22	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	34.7	1.58	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	34.7	1.82	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*74.9*		*30-150 %*				"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-4 SA56915-07	5582407	Soil	13-Jan-07 14:25	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*30-150 %*				SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL	U	µg/kg dry	277	6.71	1	SW846 8270C	17-Jan-07	19-Jan-07	7011080	M.B
208-96-8	Acenaphthylene	BRL	U	µg/kg dry	277	8.38	1	"	"	"	"	"
62-53-3	Aniline	BRL	U	µg/kg dry	277	21.3	1	"	"	"	"	"
120-12-7	Anthracene	BRL	U	µg/kg dry	277	8.38	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL	U	µg/kg dry	277	17.9	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL	U	µg/kg dry	277	9.47	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL	U	µg/kg dry	277	36.9	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL	U	µg/kg dry	277	7.80	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL	U	µg/kg dry	277	11.2	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL	U	µg/kg dry	277	5.03	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg dry	277	53.2	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL	U	µg/kg dry	277	31.9	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL	U	µg/kg dry	277	10.1	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL	U	µg/kg dry	277	26.8	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL	U	µg/kg dry	277	5.59	1	"	"	"	"	"
218-01-9	Chrysene	BRL	U	µg/kg dry	277	3.94	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL	U	µg/kg dry	277	4.44	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL	U	µg/kg dry	277	3.35	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL	U	µg/kg dry	277	20.1	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL	U	µg/kg dry	277	7.29	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL	U	µg/kg dry	277	8.97	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL	U	µg/kg dry	277	7.80	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL	U	µg/kg dry	277	7.29	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL	U	µg/kg dry	277	17.4	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL	U	µg/kg dry	277	6.71	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL	U	µg/kg dry	277	13.4	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL	U	µg/kg dry	277	6.71	1	"	"	"	"	"
86-73-7	Fluorene	BRL	U	µg/kg dry	277	6.71	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL	U	µg/kg dry	277	20.7	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg dry	277	12.8	1	"	"	"	"	"
78-59-1	Isophorone	BRL	U	µg/kg dry	277	16.8	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	31.3	J	µg/kg dry	277	6.12	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL	U	µg/kg dry	277	11.7	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL	U	µg/kg dry	277	6.71	1	"	"	"	"	"
91-20-3	Naphthalene	BRL	U	µg/kg dry	277	10.6	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL	U	µg/kg dry	277	3.35	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL	U	µg/kg dry	277	9.47	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL	U	µg/kg dry	277	10.1	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL	U	µg/kg dry	277	12.8	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL	U	µg/kg dry	1110	14.5	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL	U	µg/kg dry	1110	17.9	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL	U	µg/kg dry	277	12.8	1	"	"	"	"	"
108-95-2	Phenol	BRL	U	µg/kg dry	277	5.59	1	"	"	"	"	"
129-00-0	Pyrene	BRL	U	µg/kg dry	277	19.6	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL	U	µg/kg dry	277	5.59	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-4 SA56915-07	5582407	Soil	13-Jan-07 14:25	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3545A												
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*87.5*		*30-130 %*				SW846 8270C	17-Jan-07	19-Jan-07	7011080	M.B
367-12-4	*2-Fluorophenol*	*86.4*		*15-110 %*				"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*70.3*		*30-130 %*				"	"	"	"	"
4165-62-2	*Phenol-d5*	*82.1*		*15-110 %*				"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*89.6*		*30-130 %*				"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*67.0*		*15-110 %*				"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods												
7440-22-4	Silver	BRL	U	mg/kg dry	1.11	0.886	1	SW846 6010B	17-Jan-07	19-Jan-07	7011022	LR
7429-90-5	Aluminum	11,600		mg/kg dry	1.67	1.25	1	"	"	"	"	"
7440-38-2	Arsenic	2.38		mg/kg dry	1.67	0.434	1	"	"	"	"	"
7440-39-3	Barium	87.2		mg/kg dry	0.557	0.184	1	"	"	"	"	"
7440-41-7	Beryllium	0.707		mg/kg dry	0.223	0.0808	1	"	"	"	"	"
7440-70-2	Calcium	18,300		mg/kg dry	5.57	5.38	1	"	"	"	"	"
7440-43-9	Cadmium	BRL	U	mg/kg dry	0.278	0.0278	1	"	"	"	"	"
7440-48-4	Cobalt	8.74		mg/kg dry	0.557	0.0390	1	"	"	"	"	"
7440-47-3	Chromium	19.5		mg/kg dry	0.557	0.262	1	"	"	"	"	"
7440-50-8	Copper	17.6		mg/kg dry	0.557	0.178	1	"	"	"	"	"
7439-89-6	Iron	18,400		mg/kg dry	0.557	0.446	1	"	"	"	"	"
7439-97-6	Mercury	0.0121	J	mg/kg dry	0.0369	0.0074	1	SW846 7471A	"	18-Jan-07	7011023	YP
7440-09-7	Potassium	3,790		mg/kg dry	11.1	2.50	1	SW846 6010B	"	19-Jan-07	7011022	LR
7439-95-4	Magnesium	1,040		mg/kg dry	2.78	0.540	1	"	"	19-Jan-07	"	"
7439-96-5	Manganese	506		mg/kg dry	0.111	0.0852	1	"	"	19-Jan-07	"	"
7440-23-5	Sodium	576		mg/kg dry	5.57	4.55	1	"	"	"	"	"
7440-02-0	Nickel	21.1		mg/kg dry	3.90	0.195	1	"	"	"	"	"
7439-92-1	Lead	7.73		mg/kg dry	0.835	0.251	1	"	"	"	"	"
7440-36-0	Antimony	0.496	J	mg/kg dry	1.67	0.284	1	"	"	"	"	"
7782-49-2	Selenium	BRL	U	mg/kg dry	1.67	0.663	1	"	"	"	"	"
7440-28-0	Thallium	0.284	J	mg/kg dry	1.67	0.278	1	"	"	"	"	"
7440-62-2	Vanadium	24.6		mg/kg dry	0.557	0.0724	1	"	"	"	"	"
7440-66-6	Zinc	41.5		mg/kg dry	0.557	0.173	1	"	"	"	"	"
General Chemistry Parameters												
	% Solids	79.3		%			1	SM2540 G Mod.	17-Jan-07	17-Jan-07	7011076	JRY
57-12-5	Cyanide (total)	BRL	U	mg/kg dry	1.30	0.521	1	10-204-00-1-A / SW846 9012A	22-Jan-07	22-Jan-07	7011326	RLT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-7	5582407	Soil	13-Jan-07 13:50	16-Jan-07
SA56915-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds												
	VOC Extraction	Lab extracted		N/A			1	VOC	16-Jan-07	16-Jan-07	7011016	BD
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg dry	6.4	2.6	1	SW 846 8260B	16-Jan-07	17-Jan-07	7011003	RLJ
67-64-1	Acetone	BRL	U	µg/kg dry	128	56.3	1	"	"	"	"	"
71-43-2	Benzene	BRL	U	µg/kg dry	6.4	0.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL	U	µg/kg dry	64.2	4.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL	U	µg/kg dry	32.1	0.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL	U	µg/kg dry	6.4	0.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL	U	µg/kg dry	12.8	1.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL	U	µg/kg dry	6.4	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL	U	µg/kg dry	6.4	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL	U	µg/kg dry	6.4	1.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL	U	µg/kg dry	6.4	0.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL	U	µg/kg dry	6.4	0.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL	U	µg/kg dry	6.4	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL	U	µg/kg dry	6.4	0.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg dry	64.2	0.7	1	"	"	"	"	"
75-09-2	Methylene chloride	6.9	O01, J	µg/kg dry	64.2	3.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL	U	µg/kg dry	6.4	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL	U	µg/kg dry	6.4	0.4	1	"	"	"	"	"
108-88-3	Toluene	BRL	U	µg/kg dry	6.4	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL	U	µg/kg dry	6.4	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL	U	µg/kg dry	6.4	0.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL	U	µg/kg dry	6.4	0.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL	U	µg/kg dry	6.4	0.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL	U	µg/kg dry	6.4	0.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL	U	µg/kg dry	12.8	1.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL	U	µg/kg dry	6.4	1.2	1	"	"	"	"	"
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*90.8*		*70-130 %*				"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*				"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*				"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*				"	"	"	"	"
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	33.8	2.13	1	SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	33.8	2.13	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	33.8	4.96	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	33.8	4.25	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	33.8	5.08	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	33.8	1.54	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	33.8	1.77	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*79.9*		*30-150 %*				"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-7 SA56915-08	5582407	Soil	13-Jan-07 13:50	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*		*30-150 %*				SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL	U	µg/kg dry	276	6.70	1	SW846 8270C	17-Jan-07	19-Jan-07	7011080	M.B
208-96-8	Acenaphthylene	BRL	U	µg/kg dry	276	8.37	1	"	"	"	"	"
62-53-3	Aniline	BRL	U	µg/kg dry	276	21.3	1	"	"	"	"	"
120-12-7	Anthracene	BRL	U	µg/kg dry	276	8.37	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL	U	µg/kg dry	276	17.8	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL	U	µg/kg dry	276	9.46	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL	U	µg/kg dry	276	36.8	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL	U	µg/kg dry	276	7.78	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL	U	µg/kg dry	276	11.1	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL	U	µg/kg dry	276	5.02	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg dry	276	53.1	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL	U	µg/kg dry	276	31.8	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL	U	µg/kg dry	276	10.0	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL	U	µg/kg dry	276	26.8	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL	U	µg/kg dry	276	5.58	1	"	"	"	"	"
218-01-9	Chrysene	BRL	U	µg/kg dry	276	3.93	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL	U	µg/kg dry	276	4.44	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL	U	µg/kg dry	276	3.35	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL	U	µg/kg dry	276	20.1	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL	U	µg/kg dry	276	7.28	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL	U	µg/kg dry	276	8.96	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL	U	µg/kg dry	276	7.78	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL	U	µg/kg dry	276	7.28	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL	U	µg/kg dry	276	17.3	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL	U	µg/kg dry	276	6.70	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL	U	µg/kg dry	276	13.4	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL	U	µg/kg dry	276	6.70	1	"	"	"	"	"
86-73-7	Fluorene	BRL	U	µg/kg dry	276	6.70	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL	U	µg/kg dry	276	20.7	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg dry	276	12.8	1	"	"	"	"	"
78-59-1	Isophorone	BRL	U	µg/kg dry	276	16.7	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	61.9	J	µg/kg dry	276	6.11	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL	U	µg/kg dry	276	11.7	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL	U	µg/kg dry	276	6.70	1	"	"	"	"	"
91-20-3	Naphthalene	BRL	U	µg/kg dry	276	10.6	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL	U	µg/kg dry	276	3.35	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL	U	µg/kg dry	276	9.46	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL	U	µg/kg dry	276	10.0	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL	U	µg/kg dry	276	12.8	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL	U	µg/kg dry	1100	14.5	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL	U	µg/kg dry	1100	17.8	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL	U	µg/kg dry	276	12.8	1	"	"	"	"	"
108-95-2	Phenol	BRL	U	µg/kg dry	276	5.58	1	"	"	"	"	"
129-00-0	Pyrene	BRL	U	µg/kg dry	276	19.6	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL	U	µg/kg dry	276	5.58	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-7 SA56915-08	5582407	Soil	13-Jan-07 13:50	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3545A												
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*82.8*		*30-130 %*				SW846 8270C	17-Jan-07	19-Jan-07	7011080	M.B
367-12-4	*2-Fluorophenol*	*80.6*		*15-110 %*				"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*67.0*		*30-130 %*				"	"	"	"	"
4165-62-2	*Phenol-d5*	*76.0*		*15-110 %*				"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*85.7*		*30-130 %*				"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*60.6*		*15-110 %*				"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods												
7440-22-4	Silver	BRL	U	mg/kg dry	1.02	0.811	1	SW846 6010B	17-Jan-07	19-Jan-07	7011022	LR
7429-90-5	Aluminum	7,040		mg/kg dry	1.53	1.14	1	"	"	"	"	"
7440-38-2	Arsenic	1.09	J	mg/kg dry	1.53	0.398	1	"	"	"	"	"
7440-39-3	Barium	53.9		mg/kg dry	0.510	0.168	1	"	"	"	"	"
7440-41-7	Beryllium	0.398		mg/kg dry	0.204	0.0739	1	"	"	"	"	"
7440-70-2	Calcium	2,020		mg/kg dry	5.10	4.93	1	"	"	"	"	"
7440-43-9	Cadmium	BRL	U	mg/kg dry	0.255	0.0255	1	"	"	"	"	"
7440-48-4	Cobalt	4.21		mg/kg dry	0.510	0.0357	1	"	"	"	"	"
7440-47-3	Chromium	16.2		mg/kg dry	0.510	0.240	1	"	"	"	"	"
7440-50-8	Copper	26.1		mg/kg dry	0.510	0.163	1	"	"	"	"	"
7439-89-6	Iron	9,700		mg/kg dry	0.510	0.408	1	"	"	"	"	"
7439-97-6	Mercury	BRL	U	mg/kg dry	0.0328	0.0066	1	SW846 7471A	"	18-Jan-07	7011023	YP
7440-09-7	Potassium	1,730		mg/kg dry	10.2	2.28	1	SW846 6010B	"	19-Jan-07	7011022	LR
7439-95-4	Magnesium	2,320		mg/kg dry	2.55	0.495	1	"	"	"	"	"
7439-96-5	Manganese	81.5		mg/kg dry	0.102	0.0780	1	"	"	"	"	"
7440-23-5	Sodium	445		mg/kg dry	5.10	4.17	1	"	"	"	"	"
7440-02-0	Nickel	11.5		mg/kg dry	3.57	0.178	1	"	"	"	"	"
7439-92-1	Lead	4.84		mg/kg dry	0.765	0.229	1	"	"	"	"	"
7440-36-0	Antimony	0.566	J	mg/kg dry	1.53	0.260	1	"	"	"	"	"
7782-49-2	Selenium	BRL	U	mg/kg dry	1.53	0.607	1	"	"	"	"	"
7440-28-0	Thallium	BRL	U	mg/kg dry	1.53	0.255	1	"	"	"	"	"
7440-62-2	Vanadium	25.9		mg/kg dry	0.510	0.0663	1	"	"	"	"	"
7440-66-6	Zinc	19.0		mg/kg dry	0.510	0.158	1	"	"	"	"	"
General Chemistry Parameters												
	% Solids	89.1		%			1	SM2540 G Mod.	17-Jan-07	17-Jan-07	7011076	JRY
57-12-5	Cyanide (total)	BRL	U	mg/kg dry	1.09	0.437	1	10-204-00-1-A / SW846 9012A	22-Jan-07	22-Jan-07	7011326	RLT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-6	5582407	Soil	13-Jan-07 14:15	16-Jan-07
SA56915-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds												
	VOC Extraction	Lab extracted		N/A			1	VOC	16-Jan-07	16-Jan-07	7011016	BD
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg dry	4.9	2.0	1	SW 846 8260B	16-Jan-07	17-Jan-07	7011003	RLJ
67-64-1	Acetone	BRL	U	µg/kg dry	98.0	43.0	1	"	"	"	"	"
71-43-2	Benzene	BRL	U	µg/kg dry	4.9	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL	U	µg/kg dry	49.0	3.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL	U	µg/kg dry	24.5	0.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL	U	µg/kg dry	4.9	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL	U	µg/kg dry	4.9	0.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL	U	µg/kg dry	9.8	1.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL	U	µg/kg dry	4.9	0.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL	U	µg/kg dry	4.9	0.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL	U	µg/kg dry	4.9	1.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL	U	µg/kg dry	4.9	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL	U	µg/kg dry	4.9	0.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL	U	µg/kg dry	4.9	0.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL	U	µg/kg dry	4.9	0.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL	U	µg/kg dry	4.9	0.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL	U	µg/kg dry	4.9	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL	U	µg/kg dry	4.9	0.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL	U	µg/kg dry	4.9	0.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg dry	49.0	0.5	1	"	"	"	"	"
75-09-2	Methylene chloride	6.4	O01, J	µg/kg dry	49.0	2.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL	U	µg/kg dry	4.9	0.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL	U	µg/kg dry	4.9	0.3	1	"	"	"	"	"
108-88-3	Toluene	BRL	U	µg/kg dry	4.9	0.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL	U	µg/kg dry	4.9	0.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL	U	µg/kg dry	4.9	0.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL	U	µg/kg dry	4.9	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL	U	µg/kg dry	4.9	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL	U	µg/kg dry	4.9	0.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL	U	µg/kg dry	9.8	1.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL	U	µg/kg dry	4.9	0.9	1	"	"	"	"	"
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*92.4*		*70-130 %*				"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*				"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*				"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*				"	"	"	"	"
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	30.7	1.93	1	SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	30.7	1.93	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	30.7	4.51	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	30.7	3.87	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	30.7	4.62	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	30.7	1.40	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	30.7	1.61	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80.1*		*30-150 %*				"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-6 SA56915-09	5582407	Soil	13-Jan-07 14:15	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*30-150 %*				SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL	U	µg/kg dry	220	5.33	1	SW846 8270C	17-Jan-07	19-Jan-07	7011080	M.B
208-96-8	Acenaphthylene	BRL	U	µg/kg dry	220	6.66	1	"	"	"	"	"
62-53-3	Aniline	BRL	U	µg/kg dry	220	16.9	1	"	"	"	"	"
120-12-7	Anthracene	BRL	U	µg/kg dry	220	6.66	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL	U	µg/kg dry	220	14.2	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL	U	µg/kg dry	220	7.53	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL	U	µg/kg dry	220	29.3	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL	U	µg/kg dry	220	6.19	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL	U	µg/kg dry	220	8.86	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL	U	µg/kg dry	220	4.00	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg dry	220	42.2	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL	U	µg/kg dry	220	25.3	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL	U	µg/kg dry	220	7.99	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL	U	µg/kg dry	220	21.3	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL	U	µg/kg dry	220	4.44	1	"	"	"	"	"
218-01-9	Chrysene	BRL	U	µg/kg dry	220	3.13	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL	U	µg/kg dry	220	3.53	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL	U	µg/kg dry	220	2.66	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL	U	µg/kg dry	220	16.0	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL	U	µg/kg dry	220	5.80	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL	U	µg/kg dry	220	7.13	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL	U	µg/kg dry	220	6.19	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL	U	µg/kg dry	220	5.80	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL	U	µg/kg dry	220	13.8	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL	U	µg/kg dry	220	5.33	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL	U	µg/kg dry	220	10.7	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL	U	µg/kg dry	220	5.33	1	"	"	"	"	"
86-73-7	Fluorene	BRL	U	µg/kg dry	220	5.33	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL	U	µg/kg dry	220	16.5	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg dry	220	10.2	1	"	"	"	"	"
78-59-1	Isophorone	BRL	U	µg/kg dry	220	13.3	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL	U	µg/kg dry	220	4.86	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL	U	µg/kg dry	220	9.33	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL	U	µg/kg dry	220	5.33	1	"	"	"	"	"
91-20-3	Naphthalene	BRL	U	µg/kg dry	220	8.46	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL	U	µg/kg dry	220	2.66	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL	U	µg/kg dry	220	7.53	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL	U	µg/kg dry	220	7.99	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL	U	µg/kg dry	220	10.2	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL	U	µg/kg dry	879	11.5	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL	U	µg/kg dry	879	14.2	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL	U	µg/kg dry	220	10.2	1	"	"	"	"	"
108-95-2	Phenol	BRL	U	µg/kg dry	220	4.44	1	"	"	"	"	"
129-00-0	Pyrene	BRL	U	µg/kg dry	220	15.6	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL	U	µg/kg dry	220	4.44	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-6 SA56915-09	5582407	Soil	13-Jan-07 14:15	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3545A												
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*81.5*		*30-130 %*				SW846 8270C	17-Jan-07	19-Jan-07	7011080	M.B
367-12-4	*2-Fluorophenol*	*82.4*		*15-110 %*				"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72.1*		*30-130 %*				"	"	"	"	"
4165-62-2	*Phenol-d5*	*76.6*		*15-110 %*				"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*86.9*		*30-130 %*				"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*60.8*		*15-110 %*				"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods												
7440-22-4	Silver	BRL	U	mg/kg dry	0.907	0.721	1	SW846 6010B	17-Jan-07	19-Jan-07	7011022	LR
7429-90-5	Aluminum	5,000		mg/kg dry	1.36	1.02	1	"	"	"	"	"
7440-38-2	Arsenic	1.00	J	mg/kg dry	1.36	0.354	1	"	"	"	"	"
7440-39-3	Barium	167		mg/kg dry	0.453	0.150	1	"	"	"	"	"
7440-41-7	Beryllium	0.254		mg/kg dry	0.181	0.0658	1	"	"	"	"	"
7440-70-2	Calcium	5,400		mg/kg dry	4.53	4.38	1	"	"	"	"	"
7440-43-9	Cadmium	BRL	U	mg/kg dry	0.227	0.0227	1	"	"	"	"	"
7440-48-4	Cobalt	3.78		mg/kg dry	0.453	0.0317	1	"	"	"	"	"
7440-47-3	Chromium	10.2		mg/kg dry	0.453	0.213	1	"	"	"	"	"
7440-50-8	Copper	4.00		mg/kg dry	0.453	0.145	1	"	"	"	"	"
7439-89-6	Iron	7,500		mg/kg dry	0.453	0.363	1	"	"	"	"	"
7439-97-6	Mercury	BRL	U	mg/kg dry	0.0323	0.0065	1	SW846 7471A	"	18-Jan-07	7011023	YP
7440-09-7	Potassium	2,260		mg/kg dry	9.07	2.03	1	SW846 6010B	"	19-Jan-07	7011022	LR
7439-95-4	Magnesium	3,290		mg/kg dry	2.27	0.440	1	"	"	"	"	"
7439-96-5	Manganese	364		mg/kg dry	0.0907	0.0694	1	"	"	"	"	"
7440-23-5	Sodium	301		mg/kg dry	4.53	3.70	1	"	"	"	"	"
7440-02-0	Nickel	10.2		mg/kg dry	3.17	0.159	1	"	"	"	"	"
7439-92-1	Lead	2.85		mg/kg dry	0.680	0.204	1	"	"	"	"	"
7440-36-0	Antimony	0.449	J	mg/kg dry	1.36	0.231	1	"	"	"	"	"
7782-49-2	Selenium	BRL	U	mg/kg dry	1.36	0.540	1	"	"	"	"	"
7440-28-0	Thallium	BRL	U	mg/kg dry	1.36	0.227	1	"	"	"	"	"
7440-62-2	Vanadium	15.4		mg/kg dry	0.453	0.0590	1	"	"	"	"	"
7440-66-6	Zinc	16.4		mg/kg dry	0.453	0.141	1	"	"	"	"	"
General Chemistry Parameters												
	% Solids	91.9		%			1	SM2540 G Mod.	17-Jan-07	17-Jan-07	7011076	JRY
57-12-5	Cyanide (total)	BRL	U	mg/kg dry	1.07	0.428	1	10-204-00-1-A / SW846 9012A	22-Jan-07	22-Jan-07	7011326	RLT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-8 SA56915-10	5582407	Soil	13-Jan-07 13:30	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds												
	VOC Extraction	Lab extracted		N/A			1	VOC	16-Jan-07	16-Jan-07	7011016	BD
Volatile Organic Compounds												
Prepared by method SW846 5030 Soil (high level)												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg dry	61.4	25.2	50	SW 846 8260B	19-Jan-07	19-Jan-07	7011235	RLJ
67-64-1	Acetone	BRL	U	µg/kg dry	1230	538	50	"	"	"	"	"
71-43-2	Benzene	549		µg/kg dry	61.4	6.8	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL	U	µg/kg dry	614	43.6	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL	U	µg/kg dry	307	5.5	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL	U	µg/kg dry	61.4	6.1	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL	U	µg/kg dry	61.4	8.0	50	"	"	"	"	"
75-00-3	Chloroethane	BRL	U	µg/kg dry	123	13.5	50	"	"	"	"	"
67-66-3	Chloroform	BRL	U	µg/kg dry	61.4	4.9	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL	U	µg/kg dry	61.4	9.2	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL	U	µg/kg dry	61.4	14.1	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL	U	µg/kg dry	61.4	6.1	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL	U	µg/kg dry	61.4	8.6	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL	U	µg/kg dry	61.4	4.3	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL	U	µg/kg dry	61.4	5.5	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL	U	µg/kg dry	61.4	4.9	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL	U	µg/kg dry	61.4	6.1	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL	U	µg/kg dry	61.4	5.5	50	"	"	"	"	"
100-41-4	Ethylbenzene	286		µg/kg dry	61.4	7.4	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg dry	614	6.8	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL	U	µg/kg dry	614	29.5	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL	U	µg/kg dry	61.4	9.8	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL	U	µg/kg dry	61.4	3.7	50	"	"	"	"	"
108-88-3	Toluene	2,370		µg/kg dry	61.4	9.8	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL	U	µg/kg dry	61.4	4.9	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL	U	µg/kg dry	61.4	7.4	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL	U	µg/kg dry	61.4	6.8	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL	U	µg/kg dry	61.4	6.1	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL	U	µg/kg dry	61.4	7.4	50	"	"	"	"	"
1330-20-7	m,p-Xylene	8,130		µg/kg dry	123	14.1	50	"	"	"	"	"
95-47-6	o-Xylene	6,800		µg/kg dry	61.4	11.1	50	"	"	"	"	"
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*107*		*70-130 %*				"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*				"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*86.0*		*70-130 %*				"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97.2*		*70-130 %*				"	"	"	"	"
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	31.9	2.01	1	SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	31.9	2.01	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	31.9	4.69	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	31.9	4.02	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	31.9	4.80	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	31.9	1.45	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	31.9	1.67	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90.0*		*30-150 %*				"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-8 SA56915-10	5582407	Soil	13-Jan-07 13:30	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
2051-24-3	*Decachlorobiphenyl (Sr)*	*79.9*		*30-150 %*				SW846 8082	16-Jan-07	17-Jan-07	7010942	SM
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	781	J	µg/kg dry	2840	68.9	5	SW846 8270C	17-Jan-07	19-Jan-07	7011080	M.B
208-96-8	Acenaphthylene	BRL	U	µg/kg dry	2840	86.1	5	"	"	"	"	"
62-53-3	Aniline	BRL	U	µg/kg dry	2840	219	5	"	"	"	"	"
120-12-7	Anthracene	7,140		µg/kg dry	2840	86.1	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	19,000		µg/kg dry	2840	183	5	"	"	"	"	"
50-32-8	Benzo (a) pyrene	18,800		µg/kg dry	2840	97.3	5	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	15,000		µg/kg dry	2840	379	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	8,000		µg/kg dry	2840	80.1	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	13,000		µg/kg dry	2840	115	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL	U	µg/kg dry	2840	51.7	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg dry	2840	546	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL	U	µg/kg dry	2840	327	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL	U	µg/kg dry	2840	103	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL	U	µg/kg dry	2840	276	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL	U	µg/kg dry	2840	57.5	5	"	"	"	"	"
218-01-9	Chrysene	17,000		µg/kg dry	2840	40.5	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	2,260	J	µg/kg dry	2840	45.7	5	"	"	"	"	"
132-64-9	Dibenzofuran	505	J	µg/kg dry	2840	34.5	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL	U	µg/kg dry	2840	207	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL	U	µg/kg dry	2840	74.9	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL	U	µg/kg dry	2840	92.2	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL	U	µg/kg dry	2840	80.1	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL	U	µg/kg dry	2840	74.9	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL	U	µg/kg dry	2840	178	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL	U	µg/kg dry	2840	68.9	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL	U	µg/kg dry	2840	138	5	"	"	"	"	"
206-44-0	Fluoranthene	31,900		µg/kg dry	2840	68.9	5	"	"	"	"	"
86-73-7	Fluorene	838	J	µg/kg dry	2840	68.9	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL	U	µg/kg dry	2840	213	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	7,600		µg/kg dry	2840	132	5	"	"	"	"	"
78-59-1	Isophorone	BRL	U	µg/kg dry	2840	172	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	988	J	µg/kg dry	2840	62.9	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL	U	µg/kg dry	2840	121	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL	U	µg/kg dry	2840	68.9	5	"	"	"	"	"
91-20-3	Naphthalene	BRL	U	µg/kg dry	2840	109	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL	U	µg/kg dry	2840	34.5	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL	U	µg/kg dry	2840	97.3	5	"	"	"	"	"
98-95-3	Nitrobenzene	BRL	U	µg/kg dry	2840	103	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL	U	µg/kg dry	2840	132	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL	U	µg/kg dry	11400	149	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL	U	µg/kg dry	11400	183	5	"	"	"	"	"
85-01-8	Phenanthrene	14,900		µg/kg dry	2840	132	5	"	"	"	"	"
108-95-2	Phenol	BRL	U	µg/kg dry	2840	57.5	5	"	"	"	"	"
129-00-0	Pyrene	36,500		µg/kg dry	2840	202	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL	U	µg/kg dry	2840	57.5	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EPP2-8 SA56915-10	5582407	Soil	13-Jan-07 13:30	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3545A												
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*105*		*30-130 %*				SW846 8270C	17-Jan-07	19-Jan-07	7011080	M.B
367-12-4	*2-Fluorophenol*	*57.8*		*15-110 %*				"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*73.2*		*30-130 %*				"	"	"	"	"
4165-62-2	*Phenol-d5*	*23.4*		*15-110 %*				"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*107*		*30-130 %*				"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*75.3*		*15-110 %*				"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods												
7440-22-4	Silver	BRL	U	mg/kg dry	1.05	0.837	1	SW846 6010B	17-Jan-07	19-Jan-07	7011022	LR
7429-90-5	Aluminum	7,060		mg/kg dry	1.58	1.18	1	"	"	"	"	"
7440-38-2	Arsenic	7.67		mg/kg dry	1.58	0.410	1	"	"	"	"	"
7440-39-3	Barium	136		mg/kg dry	0.526	0.174	1	"	"	"	"	"
7440-41-7	Beryllium	0.379		mg/kg dry	0.210	0.0763	1	"	"	"	"	"
7440-70-2	Calcium	31,100		mg/kg dry	5.26	5.08	1	"	"	"	"	"
7440-43-9	Cadmium	BRL	U	mg/kg dry	0.263	0.0263	1	"	"	"	"	"
7440-48-4	Cobalt	4.93		mg/kg dry	0.526	0.0368	1	"	"	"	"	"
7440-47-3	Chromium	12.7		mg/kg dry	0.526	0.247	1	"	"	"	"	"
7440-50-8	Copper	38.1		mg/kg dry	0.526	0.168	1	"	"	"	"	"
7439-89-6	Iron	14,300		mg/kg dry	0.526	0.421	1	"	"	"	"	"
7439-97-6	Mercury	0.627		mg/kg dry	0.0346	0.0069	1	SW846 7471A	"	18-Jan-07	7011023	YP
7440-09-7	Potassium	1,440		mg/kg dry	10.5	2.36	1	SW846 6010B	"	19-Jan-07	7011022	LR
7439-95-4	Magnesium	4,180		mg/kg dry	2.63	0.510	1	"	"	"	"	"
7439-96-5	Manganese	237		mg/kg dry	0.105	0.0805	1	"	"	"	"	"
7440-23-5	Sodium	299		mg/kg dry	5.26	4.30	1	"	"	"	"	"
7440-02-0	Nickel	13.6		mg/kg dry	3.68	0.184	1	"	"	"	"	"
7439-92-1	Lead	168		mg/kg dry	0.789	0.237	1	"	"	"	"	"
7440-36-0	Antimony	1.07	J	mg/kg dry	1.58	0.268	1	"	"	"	"	"
7782-49-2	Selenium	BRL	U	mg/kg dry	1.58	0.626	1	"	"	"	"	"
7440-28-0	Thallium	BRL	U	mg/kg dry	1.58	0.263	1	"	"	"	"	"
7440-62-2	Vanadium	21.4		mg/kg dry	0.526	0.0684	1	"	"	"	"	"
7440-66-6	Zinc	140		mg/kg dry	0.526	0.163	1	"	"	"	"	"
General Chemistry Parameters												
	% Solids	86.6		%			1	SM2540 G Mod.	17-Jan-07	17-Jan-07	7011076	JRY
57-12-5	Cyanide (total)	10.3		mg/kg dry	1.02	0.407	1	10-204-00-1-A / SW846 9012A	22-Jan-07	22-Jan-07	7011326	RLT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
DUP-011307 SA56915-11	5582407	Soil	13-Jan-07 00:00	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds												
	VOC Extraction	Lab extracted		N/A			1	VOC	16-Jan-07	16-Jan-07	7011016	BD
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg dry	5.1	2.1	1	SW 846 8260B	16-Jan-07	17-Jan-07	7011003	RLJ
67-64-1	Acetone	BRL	U	µg/kg dry	101	44.4	1	"	"	"	"	"
71-43-2	Benzene	BRL	U	µg/kg dry	5.1	0.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL	U	µg/kg dry	50.6	3.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL	U	µg/kg dry	25.3	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL	U	µg/kg dry	5.1	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL	U	µg/kg dry	5.1	0.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL	U	µg/kg dry	10.1	1.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL	U	µg/kg dry	5.1	0.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL	U	µg/kg dry	5.1	0.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL	U	µg/kg dry	5.1	1.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL	U	µg/kg dry	5.1	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL	U	µg/kg dry	5.1	0.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL	U	µg/kg dry	5.1	0.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL	U	µg/kg dry	5.1	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL	U	µg/kg dry	5.1	0.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL	U	µg/kg dry	5.1	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL	U	µg/kg dry	5.1	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL	U	µg/kg dry	5.1	0.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg dry	50.6	0.6	1	"	"	"	"	"
75-09-2	Methylene chloride	5.8	O01, J	µg/kg dry	50.6	2.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL	U	µg/kg dry	5.1	0.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL	U	µg/kg dry	5.1	0.3	1	"	"	"	"	"
108-88-3	Toluene	BRL	U	µg/kg dry	5.1	0.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL	U	µg/kg dry	5.1	0.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL	U	µg/kg dry	5.1	0.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL	U	µg/kg dry	5.1	0.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL	U	µg/kg dry	5.1	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL	U	µg/kg dry	5.1	0.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL	U	µg/kg dry	10.1	1.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL	U	µg/kg dry	5.1	0.9	1	"	"	"	"	"
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*92.4*		*70-130 %*				"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*				"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*				"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*				"	"	"	"	"
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	32.1	2.02	1	SW846 8082	18-Jan-07	18-Jan-07	7011121	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	32.1	2.02	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	32.1	4.71	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	32.1	4.04	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	32.1	4.82	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	32.1	1.46	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	32.1	1.68	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90.0*		*30-150 %*				"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
DUP-011307 SA56915-11	5582407	Soil	13-Jan-07 00:00	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*		*30-150 %*				SW846 8082	18-Jan-07	18-Jan-07	7011121	SM
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL	U	µg/kg dry	246	5.97	1	SW846 8270C	17-Jan-07	19-Jan-07	7011080	M.B
208-96-8	Acenaphthylene	BRL	U	µg/kg dry	246	7.47	1	"	"	"	"	"
62-53-3	Aniline	BRL	U	µg/kg dry	246	19.0	1	"	"	"	"	"
120-12-7	Anthracene	BRL	U	µg/kg dry	246	7.47	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL	U	µg/kg dry	246	15.9	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL	U	µg/kg dry	246	8.44	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL	U	µg/kg dry	246	32.9	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL	U	µg/kg dry	246	6.95	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL	U	µg/kg dry	246	9.93	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL	U	µg/kg dry	246	4.48	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg dry	246	47.3	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL	U	µg/kg dry	246	28.4	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL	U	µg/kg dry	246	8.96	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL	U	µg/kg dry	246	23.9	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL	U	µg/kg dry	246	4.98	1	"	"	"	"	"
218-01-9	Chrysene	BRL	U	µg/kg dry	246	3.51	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL	U	µg/kg dry	246	3.96	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL	U	µg/kg dry	246	2.99	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL	U	µg/kg dry	246	17.9	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL	U	µg/kg dry	246	6.50	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL	U	µg/kg dry	246	7.99	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL	U	µg/kg dry	246	6.95	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL	U	µg/kg dry	246	6.50	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL	U	µg/kg dry	246	15.5	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL	U	µg/kg dry	246	5.97	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL	U	µg/kg dry	246	11.9	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL	U	µg/kg dry	246	5.97	1	"	"	"	"	"
86-73-7	Fluorene	BRL	U	µg/kg dry	246	5.97	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL	U	µg/kg dry	246	18.4	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg dry	246	11.4	1	"	"	"	"	"
78-59-1	Isophorone	BRL	U	µg/kg dry	246	14.9	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL	U	µg/kg dry	246	5.45	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL	U	µg/kg dry	246	10.5	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL	U	µg/kg dry	246	5.97	1	"	"	"	"	"
91-20-3	Naphthalene	BRL	U	µg/kg dry	246	9.48	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL	U	µg/kg dry	246	2.99	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL	U	µg/kg dry	246	8.44	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL	U	µg/kg dry	246	8.96	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL	U	µg/kg dry	246	11.4	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL	U	µg/kg dry	986	12.9	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL	U	µg/kg dry	986	15.9	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL	U	µg/kg dry	246	11.4	1	"	"	"	"	"
108-95-2	Phenol	BRL	U	µg/kg dry	246	4.98	1	"	"	"	"	"
129-00-0	Pyrene	BRL	U	µg/kg dry	246	17.5	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL	U	µg/kg dry	246	4.98	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
DUP-011307 SA56915-11	5582407	Soil	13-Jan-07 00:00	16-Jan-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS												
Semivolatile Organic Compounds by SW846 8270C												
Prepared by method SW846 3545A												
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*87.1*		*30-130 %*				SW846 8270C	17-Jan-07	19-Jan-07	7011080	M.B
367-12-4	*2-Fluorophenol*	*83.9*		*15-110 %*				"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72.3*		*30-130 %*				"	"	"	"	"
4165-62-2	*Phenol-d5*	*79.5*		*15-110 %*				"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*91.2*		*30-130 %*				"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*69.1*		*15-110 %*				"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods												
7440-22-4	Silver	BRL	U	mg/kg dry	1.05	0.838	1	SW846 6010B	17-Jan-07	19-Jan-07	7011022	LR
7429-90-5	Aluminum	4,760		mg/kg dry	1.58	1.18	1	"	"	"	"	"
7440-38-2	Arsenic	1.28	J	mg/kg dry	1.58	0.411	1	"	"	"	"	"
7440-39-3	Barium	109		mg/kg dry	0.527	0.174	1	"	"	"	"	"
7440-41-7	Beryllium	0.322		mg/kg dry	0.211	0.0764	1	"	"	"	"	"
7440-70-2	Calcium	5,380		mg/kg dry	5.27	5.09	1	"	"	"	"	"
7440-43-9	Cadmium	BRL	U	mg/kg dry	0.264	0.0264	1	"	"	"	"	"
7440-48-4	Cobalt	4.00		mg/kg dry	0.527	0.0369	1	"	"	"	"	"
7440-47-3	Chromium	9.42		mg/kg dry	0.527	0.248	1	"	"	"	"	"
7440-50-8	Copper	5.03		mg/kg dry	0.527	0.169	1	"	"	"	"	"
7439-89-6	Iron	7,070		mg/kg dry	0.527	0.422	1	"	"	"	"	"
7439-97-6	Mercury	BRL	U	mg/kg dry	0.0322	0.0064	1	SW846 7471A	"	18-Jan-07	7011023	YP
7440-09-7	Potassium	1,940		mg/kg dry	10.5	2.36	1	SW846 6010B	"	19-Jan-07	7011022	LR
7439-95-4	Magnesium	3,300		mg/kg dry	2.64	0.511	1	"	"	"	"	"
7439-96-5	Manganese	469		mg/kg dry	0.105	0.0806	1	"	"	"	"	"
7440-23-5	Sodium	268		mg/kg dry	5.27	4.31	1	"	"	"	"	"
7440-02-0	Nickel	10.4		mg/kg dry	3.69	0.184	1	"	"	"	"	"
7439-92-1	Lead	3.85		mg/kg dry	0.791	0.237	1	"	"	"	"	"
7440-36-0	Antimony	0.527	J	mg/kg dry	1.58	0.269	1	"	"	"	"	"
7782-49-2	Selenium	BRL	U	mg/kg dry	1.58	0.627	1	"	"	"	"	"
7440-28-0	Thallium	BRL	U	mg/kg dry	1.58	0.264	1	"	"	"	"	"
7440-62-2	Vanadium	14.2		mg/kg dry	0.527	0.0685	1	"	"	"	"	"
7440-66-6	Zinc	17.1	J	mg/kg dry	21.1	0.163	1	"	"	"	"	"
General Chemistry Parameters												
	% Solids	91.6		%			1	SM2540 G Mod.	17-Jan-07	17-Jan-07	7011076	JRY
57-12-5	Cyanide (total)	BRL	U	mg/kg dry	1.08	0.433	1	10-204-00-1-A / SW846 9012A	22-Jan-07	22-Jan-07	7011326	RLT

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011003 - SW846 5035A Soil (low level)										
Blank (7011003-BLK1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg wet	5.0						
Acetone	BRL	U	µg/kg wet	100						
Acrylonitrile	BRL	U	µg/kg wet	5.0						
Benzene	BRL	U	µg/kg wet	5.0						
Bromobenzene	BRL	U	µg/kg wet	5.0						
Bromochloromethane	BRL	U	µg/kg wet	5.0						
Bromodichloromethane	BRL	U	µg/kg wet	5.0						
Bromoform	BRL	U	µg/kg wet	5.0						
Bromomethane	BRL	U	µg/kg wet	10.0						
2-Butanone (MEK)	BRL	U	µg/kg wet	50.0						
n-Butylbenzene	BRL	U	µg/kg wet	5.0						
sec-Butylbenzene	BRL	U	µg/kg wet	5.0						
tert-Butylbenzene	BRL	U	µg/kg wet	5.0						
Carbon disulfide	BRL	U	µg/kg wet	25.0						
Carbon tetrachloride	BRL	U	µg/kg wet	5.0						
Chlorobenzene	BRL	U	µg/kg wet	5.0						
Chloroethane	BRL	U	µg/kg wet	10.0						
Chloroform	BRL	U	µg/kg wet	5.0						
Chloromethane	BRL	U	µg/kg wet	10.0						
2-Chlorotoluene	BRL	U	µg/kg wet	5.0						
4-Chlorotoluene	BRL	U	µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL	U	µg/kg wet	10.0						
Dibromochloromethane	BRL	U	µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL	U	µg/kg wet	5.0						
Dibromomethane	BRL	U	µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL	U	µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL	U	µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL	U	µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL	U	µg/kg wet	10.0						
1,1-Dichloroethane	BRL	U	µg/kg wet	5.0						
1,2-Dichloroethane	BRL	U	µg/kg wet	5.0						
1,1-Dichloroethene	BRL	U	µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL	U	µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL	U	µg/kg wet	5.0						
1,2-Dichloropropane	BRL	U	µg/kg wet	5.0						
1,3-Dichloropropane	BRL	U	µg/kg wet	5.0						
2,2-Dichloropropane	BRL	U	µg/kg wet	5.0						
1,1-Dichloropropene	BRL	U	µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL	U	µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL	U	µg/kg wet	5.0						
Ethylbenzene	BRL	U	µg/kg wet	5.0						
Hexachlorobutadiene	BRL	U	µg/kg wet	5.0						
2-Hexanone (MBK)	BRL	U	µg/kg wet	50.0						
Isopropylbenzene	BRL	U	µg/kg wet	5.0						
4-Isopropyltoluene	BRL	U	µg/kg wet	5.0						
Methyl tert-butyl ether	BRL	U	µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg wet	50.0						
Methylene chloride	BRL	U	µg/kg wet	50.0						
Naphthalene	BRL	U	µg/kg wet	5.0						
n-Propylbenzene	BRL	U	µg/kg wet	5.0						
Styrene	BRL	U	µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL	U	µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011003 - SW846 5035A Soil (low level)										
Blank (7011003-BLK1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
1,1,2,2-Tetrachloroethane	BRL	U	µg/kg wet	5.0						
Tetrachloroethene	BRL	U	µg/kg wet	5.0						
Toluene	BRL	U	µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL	U	µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL	U	µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL	U	µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL	U	µg/kg wet	5.0						
Trichloroethene	BRL	U	µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL	U	µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL	U	µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL	U	µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL	U	µg/kg wet	5.0						
Vinyl chloride	BRL	U	µg/kg wet	5.0						
m,p-Xylene	BRL	U	µg/kg wet	10.0						
o-Xylene	BRL	U	µg/kg wet	5.0						
Tetrahydrofuran	BRL	U	µg/kg wet	50.0						
Ethyl ether	BRL	U	µg/kg wet	5.0						
Tert-amyl methyl ether	BRL	U	µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL	U	µg/kg wet	5.0						
Di-isopropyl ether	BRL	U	µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL	U	µg/kg wet	50.0						
1,4-Dioxane	BRL	U	µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*45.0*		µg/kg wet		*50.0*		*90.0*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*63.8*		µg/kg wet		*50.0*		*128*	*70-130*		
Surrogate: Dibromofluoromethane	*54.9*		µg/kg wet		*50.0*		*110*	*70-130*		
LCS (7011003-BS1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.3		µg/kg wet		20.0		122	70-130		
Acetone	21.6		µg/kg wet		20.0		108	3.31-159		
Acrylonitrile	23.1		µg/kg wet		20.0		116	70-130		
Benzene	21.6		µg/kg wet		20.0		108	70-130		
Bromobenzene	21.8		µg/kg wet		20.0		109	70-130		
Bromochloromethane	21.1		µg/kg wet		20.0		106	70-130		
Bromodichloromethane	21.9		µg/kg wet		20.0		110	70-130		
Bromoform	21.8		µg/kg wet		20.0		109	70-130		
Bromomethane	23.2		µg/kg wet		20.0		116	50-140		
2-Butanone (MEK)	12.2		µg/kg wet		20.0		61.0	47.7-127		
n-Butylbenzene	24.0		µg/kg wet		20.0		120	70-130		
sec-Butylbenzene	23.1		µg/kg wet		20.0		116	70-130		
tert-Butylbenzene	23.1		µg/kg wet		20.0		116	70-130		
Carbon disulfide	26.0		µg/kg wet		20.0		130	70-130		
Carbon tetrachloride	23.5		µg/kg wet		20.0		118	70-130		
Chlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
Chloroethane	21.7		µg/kg wet		20.0		108	55.9-135		
Chloroform	22.8		µg/kg wet		20.0		114	70-130		
Chloromethane	20.9		µg/kg wet		20.0		104	70-130		
2-Chlorotoluene	22.3		µg/kg wet		20.0		112	70-130		
4-Chlorotoluene	23.3		µg/kg wet		20.0		116	70-130		
1,2-Dibromo-3-chloropropane	20.2		µg/kg wet		20.0		101	70-130		
Dibromochloromethane	21.6		µg/kg wet		20.0		108	72-125		
1,2-Dibromoethane (EDB)	21.8		µg/kg wet		20.0		109	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011003 - SW846 5035A Soil (low level)										
LCS (7011003-BS1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
Dibromomethane	21.0		µg/kg wet		20.0		105	70-130		
1,2-Dichlorobenzene	22.1		µg/kg wet		20.0		110	70-130		
1,3-Dichlorobenzene	22.4		µg/kg wet		20.0		112	70-130		
1,4-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	21.9		µg/kg wet		20.0		110	42.3-190		
1,1-Dichloroethane	21.8		µg/kg wet		20.0		109	70-130		
1,2-Dichloroethane	21.4		µg/kg wet		20.0		107	70-130		
1,1-Dichloroethene	22.5		µg/kg wet		20.0		112	70-130		
cis-1,2-Dichloroethene	21.8		µg/kg wet		20.0		109	70-130		
trans-1,2-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dichloropropane	22.1		µg/kg wet		20.0		110	70-130		
1,3-Dichloropropane	21.6		µg/kg wet		20.0		108	70-130		
2,2-Dichloropropane	13.0	QC2	µg/kg wet		20.0		65.0	70-130		
1,1-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130		
cis-1,3-Dichloropropene	19.7		µg/kg wet		20.0		98.5	70-130		
trans-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96.0	70-130		
Ethylbenzene	21.7		µg/kg wet		20.0		108	70-130		
Hexachlorobutadiene	20.1		µg/kg wet		20.0		100	70-137		
2-Hexanone (MBK)	20.9		µg/kg wet		20.0		104	70-130		
Isopropylbenzene	21.2		µg/kg wet		20.0		106	70-130		
4-Isopropyltoluene	22.4		µg/kg wet		20.0		112	70-130		
Methyl tert-butyl ether	21.7		µg/kg wet		20.0		108	70-130		
4-Methyl-2-pentanone (MIBK)	19.6		µg/kg wet		20.0		98.0	48.5-127		
Methylene chloride	23.3		µg/kg wet		20.0		116	70-130		
Naphthalene	22.7		µg/kg wet		20.0		114	70-130		
n-Propylbenzene	22.2		µg/kg wet		20.0		111	70-130		
Styrene	22.8		µg/kg wet		20.0		114	70-130		
1,1,1,2-Tetrachloroethane	21.7		µg/kg wet		20.0		108	70-130		
1,1,2,2-Tetrachloroethane	17.4		µg/kg wet		20.0		87.0	70-130		
Tetrachloroethene	20.3		µg/kg wet		20.0		102	70-130		
Toluene	20.5		µg/kg wet		20.0		102	70-130		
1,2,3-Trichlorobenzene	23.8		µg/kg wet		20.0		119	70-130		
1,2,4-Trichlorobenzene	23.2		µg/kg wet		20.0		116	70-130		
1,1,1-Trichloroethane	22.3		µg/kg wet		20.0		112	70-130		
1,1,2-Trichloroethane	21.2		µg/kg wet		20.0		106	70-130		
Trichloroethene	23.7		µg/kg wet		20.0		118	70-130		
Trichlorofluoromethane (Freon 11)	23.8		µg/kg wet		20.0		119	66.5-144		
1,2,3-Trichloropropane	23.4		µg/kg wet		20.0		117	70-130		
1,2,4-Trimethylbenzene	22.6		µg/kg wet		20.0		113	70-130		
1,3,5-Trimethylbenzene	22.0		µg/kg wet		20.0		110	70-130		
Vinyl chloride	27.8	QC2	µg/kg wet		20.0		139	70-130		
m,p-Xylene	43.5		µg/kg wet		40.0		109	70-130		
o-Xylene	22.4		µg/kg wet		20.0		112	70-130		
Tetrahydrofuran	19.8		µg/kg wet		20.0		99.0	70-130		
Ethyl ether	21.5		µg/kg wet		20.0		108	64.9-123		
Tert-amyl methyl ether	20.6		µg/kg wet		20.0		103	70-130		
Ethyl tert-butyl ether	22.2		µg/kg wet		20.0		111	70-130		
Di-isopropyl ether	21.4		µg/kg wet		20.0		107	70-130		
Tert-Butanol / butyl alcohol	229		µg/kg wet		200		114	70-130		
1,4-Dioxane	162		µg/kg wet		200		81.0	40-134		
Surrogate: 4-Bromofluorobenzene	*51.1*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011003 - SW846 5035A Soil (low level)										
LCS (7011003-BS1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
Surrogate: Dibromofluoromethane	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS Dup (7011003-BSD1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.1		µg/kg wet		20.0		116	70-130	5.04	25
Acetone	23.6		µg/kg wet		20.0		118	3.31-159	8.85	50
Acrylonitrile	21.8		µg/kg wet		20.0		109	70-130	6.22	25
Benzene	21.2		µg/kg wet		20.0		106	70-130	1.87	25
Bromobenzene	21.3		µg/kg wet		20.0		106	70-130	2.79	25
Bromochloromethane	21.0		µg/kg wet		20.0		105	70-130	0.948	25
Bromodichloromethane	21.6		µg/kg wet		20.0		108	70-130	1.83	25
Bromoform	20.8		µg/kg wet		20.0		104	70-130	4.69	25
Bromomethane	21.8		µg/kg wet		20.0		109	50-140	6.22	50
2-Butanone (MEK)	17.4		µg/kg wet		20.0		87.0	47.7-127	35.1	50
n-Butylbenzene	23.2		µg/kg wet		20.0		116	70-130	3.39	25
sec-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	5.31	25
tert-Butylbenzene	22.4		µg/kg wet		20.0		112	70-130	3.51	25
Carbon disulfide	25.0		µg/kg wet		20.0		125	70-130	3.92	25
Carbon tetrachloride	22.7		µg/kg wet		20.0		114	70-130	3.45	25
Chlorobenzene	20.5		µg/kg wet		20.0		102	70-130	2.90	25
Chloroethane	21.1		µg/kg wet		20.0		106	55.9-135	1.87	50
Chloroform	22.9		µg/kg wet		20.0		114	70-130	0.00	25
Chloromethane	19.8		µg/kg wet		20.0		99.0	70-130	4.93	25
2-Chlorotoluene	21.5		µg/kg wet		20.0		108	70-130	3.64	25
4-Chlorotoluene	22.6		µg/kg wet		20.0		113	70-130	2.62	25
1,2-Dibromo-3-chloropropane	18.4		µg/kg wet		20.0		92.0	70-130	9.33	25
Dibromochloromethane	20.8		µg/kg wet		20.0		104	72-125	3.77	50
1,2-Dibromoethane (EDB)	21.0		µg/kg wet		20.0		105	70-130	3.74	25
Dibromomethane	19.8		µg/kg wet		20.0		99.0	70-130	5.88	25
1,2-Dichlorobenzene	21.5		µg/kg wet		20.0		108	70-130	1.83	25
1,3-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	3.64	25
1,4-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130	1.98	25
Dichlorodifluoromethane (Freon12)	21.2		µg/kg wet		20.0		106	42.3-190	3.70	50
1,1-Dichloroethane	21.2		µg/kg wet		20.0		106	70-130	2.79	25
1,2-Dichloroethane	20.8		µg/kg wet		20.0		104	70-130	2.84	25
1,1-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130	3.64	25
cis-1,2-Dichloroethene	21.7		µg/kg wet		20.0		108	70-130	0.922	25
trans-1,2-Dichloroethene	19.9		µg/kg wet		20.0		99.5	70-130	6.33	25
1,2-Dichloropropane	21.3		µg/kg wet		20.0		106	70-130	3.70	25
1,3-Dichloropropane	21.3		µg/kg wet		20.0		106	70-130	1.87	25
2,2-Dichloropropane	12.7	QC2	µg/kg wet		20.0		63.5	70-130	2.33	25
1,1-Dichloropropene	21.0		µg/kg wet		20.0		105	70-130	3.74	25
cis-1,3-Dichloropropene	19.8		µg/kg wet		20.0		99.0	70-130	0.506	25
trans-1,3-Dichloropropene	18.9		µg/kg wet		20.0		94.5	70-130	1.57	25
Ethylbenzene	21.1		µg/kg wet		20.0		106	70-130	1.87	25
Hexachlorobutadiene	18.7		µg/kg wet		20.0		93.5	70-137	6.72	50
2-Hexanone (MBK)	19.0		µg/kg wet		20.0		95.0	70-130	9.05	25
Isopropylbenzene	20.9		µg/kg wet		20.0		104	70-130	1.90	25
4-Isopropyltoluene	21.8		µg/kg wet		20.0		109	70-130	2.71	25
Methyl tert-butyl ether	21.0		µg/kg wet		20.0		105	70-130	2.82	25
4-Methyl-2-pentanone (MIBK)	18.4		µg/kg wet		20.0		92.0	48.5-127	6.32	50
Methylene chloride	22.7		µg/kg wet		20.0		114	70-130	1.74	25
Naphthalene	20.7		µg/kg wet		20.0		104	70-130	9.17	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011003 - SW846 5035A Soil (low level)										
LCS Dup (7011003-BSD1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
n-Propylbenzene	21.6		µg/kg wet		20.0		108	70-130	2.74	25
Styrene	22.4		µg/kg wet		20.0		112	70-130	1.77	25
1,1,1,2-Tetrachloroethane	21.1		µg/kg wet		20.0		106	70-130	1.87	25
1,1,2,2-Tetrachloroethane	16.6		µg/kg wet		20.0		83.0	70-130	4.71	25
Tetrachloroethene	20.0		µg/kg wet		20.0		100	70-130	1.98	25
Toluene	20.2		µg/kg wet		20.0		101	70-130	0.985	25
1,2,3-Trichlorobenzene	22.8		µg/kg wet		20.0		114	70-130	4.29	25
1,2,4-Trichlorobenzene	22.0		µg/kg wet		20.0		110	70-130	5.31	25
1,1,1-Trichloroethane	21.9		µg/kg wet		20.0		110	70-130	1.80	25
1,1,2-Trichloroethane	20.5		µg/kg wet		20.0		102	70-130	3.85	25
Trichloroethene	23.3		µg/kg wet		20.0		116	70-130	1.71	25
Trichlorofluoromethane (Freon 11)	22.8		µg/kg wet		20.0		114	66.5-144	4.29	50
1,2,3-Trichloropropane	22.5		µg/kg wet		20.0		112	70-130	4.37	25
1,2,4-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130	4.52	25
1,3,5-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130	0.913	25
Vinyl chloride	26.8	QC2	µg/kg wet		20.0		134	70-130	3.66	25
m,p-Xylene	43.1		µg/kg wet		40.0		108	70-130	0.922	25
o-Xylene	21.7		µg/kg wet		20.0		108	70-130	3.64	25
Tetrahydrofuran	19.2		µg/kg wet		20.0		96.0	70-130	3.08	25
Ethyl ether	20.8		µg/kg wet		20.0		104	64.9-123	3.77	50
Tert-amyl methyl ether	19.7		µg/kg wet		20.0		98.5	70-130	4.47	25
Ethyl tert-butyl ether	21.7		µg/kg wet		20.0		108	70-130	2.74	25
Di-isopropyl ether	21.1		µg/kg wet		20.0		106	70-130	0.939	25
Tert-Butanol / butyl alcohol	213		µg/kg wet		200		106	70-130	7.27	25
1,4-Dioxane	172		µg/kg wet		200		86.0	40-134	5.99	25
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Batch 7011061 - SW846 5030 Water MS										
Blank (7011061-BLK1)										
Prepared & Analyzed: 17-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/l	1.0						
Acetone	BRL	U	µg/l	10.0						
Acrylonitrile	BRL	U	µg/l	1.0						
Benzene	BRL	U	µg/l	1.0						
Bromobenzene	BRL	U	µg/l	1.0						
Bromochloromethane	BRL	U	µg/l	1.0						
Bromodichloromethane	BRL	U	µg/l	1.0						
Bromoform	BRL	U	µg/l	1.0						
Bromomethane	BRL	U	µg/l	2.0						
2-Butanone (MEK)	BRL	U	µg/l	10.0						
n-Butylbenzene	BRL	U	µg/l	1.0						
sec-Butylbenzene	BRL	U	µg/l	1.0						
tert-Butylbenzene	BRL	U	µg/l	1.0						
Carbon disulfide	BRL	U	µg/l	5.0						
Carbon tetrachloride	BRL	U	µg/l	1.0						
Chlorobenzene	BRL	U	µg/l	1.0						
Chloroethane	BRL	U	µg/l	2.0						
Chloroform	BRL	U	µg/l	1.0						
Chloromethane	BRL	U	µg/l	2.0						
2-Chlorotoluene	BRL	U	µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011061 - SW846 5030 Water MS										
Blank (7011061-BLK1)										
Prepared & Analyzed: 17-Jan-07										
4-Chlorotoluene	BRL	U	µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL	U	µg/l	2.0						
Dibromochloromethane	BRL	U	µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL	U	µg/l	1.0						
Dibromomethane	BRL	U	µg/l	1.0						
1,2-Dichlorobenzene	BRL	U	µg/l	1.0						
1,3-Dichlorobenzene	BRL	U	µg/l	1.0						
1,4-Dichlorobenzene	BRL	U	µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL	U	µg/l	2.0						
1,1-Dichloroethane	BRL	U	µg/l	1.0						
1,2-Dichloroethane	BRL	U	µg/l	1.0						
1,1-Dichloroethene	BRL	U	µg/l	1.0						
cis-1,2-Dichloroethene	BRL	U	µg/l	1.0						
trans-1,2-Dichloroethene	BRL	U	µg/l	1.0						
1,2-Dichloropropane	BRL	U	µg/l	1.0						
1,3-Dichloropropane	BRL	U	µg/l	1.0						
2,2-Dichloropropane	BRL	U	µg/l	1.0						
1,1-Dichloropropene	BRL	U	µg/l	1.0						
cis-1,3-Dichloropropene	BRL	U	µg/l	1.0						
trans-1,3-Dichloropropene	BRL	U	µg/l	1.0						
Ethylbenzene	BRL	U	µg/l	1.0						
Hexachlorobutadiene	BRL	U	µg/l	1.0						
2-Hexanone (MBK)	BRL	U	µg/l	10.0						
Isopropylbenzene	BRL	U	µg/l	1.0						
4-Isopropyltoluene	BRL	U	µg/l	1.0						
Methyl tert-butyl ether	BRL	U	µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL	U	µg/l	10.0						
Methylene chloride	BRL	U	µg/l	10.0						
Naphthalene	BRL	U	µg/l	1.0						
n-Propylbenzene	BRL	U	µg/l	1.0						
Styrene	BRL	U	µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL	U	µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL	U	µg/l	1.0						
Tetrachloroethene	BRL	U	µg/l	1.0						
Toluene	BRL	U	µg/l	1.0						
1,2,3-Trichlorobenzene	BRL	U	µg/l	1.0						
1,2,4-Trichlorobenzene	BRL	U	µg/l	1.0						
1,1,1-Trichloroethane	BRL	U	µg/l	1.0						
1,1,2-Trichloroethane	BRL	U	µg/l	1.0						
Trichloroethene	BRL	U	µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL	U	µg/l	1.0						
1,2,3-Trichloropropane	BRL	U	µg/l	1.0						
1,2,4-Trimethylbenzene	BRL	U	µg/l	1.0						
1,3,5-Trimethylbenzene	BRL	U	µg/l	1.0						
Vinyl chloride	BRL	U	µg/l	1.0						
m,p-Xylene	BRL	U	µg/l	2.0						
o-Xylene	BRL	U	µg/l	1.0						
Tetrahydrofuran	BRL	U	µg/l	10.0						
Ethyl ether	BRL	U	µg/l	1.0						
Tert-amyl methyl ether	BRL	U	µg/l	1.0						
Ethyl tert-butyl ether	BRL	U	µg/l	1.0						
Di-isopropyl ether	BRL	U	µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011061 - SW846 5030 Water MS										
Blank (7011061-BLK1)										
Prepared & Analyzed: 17-Jan-07										
Tert-Butanol / butyl alcohol	BRL	U	µg/l	10.0						
1,4-Dioxane	BRL	U	µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*51.9*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.8*		µg/l		*50.0*		*93.6*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
LCS (7011061-BS1)										
Prepared & Analyzed: 17-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0		µg/l		20.0		100	70-130		
Acetone	21.6		µg/l		20.0		108	32.4-154		
Acrylonitrile	22.1		µg/l		20.0		110	70-130		
Benzene	20.6		µg/l		20.0		103	70-130		
Bromobenzene	21.6		µg/l		20.0		108	70-130		
Bromochloromethane	21.3		µg/l		20.0		106	70-130		
Bromodichloromethane	22.0		µg/l		20.0		110	70-130		
Bromoform	21.0		µg/l		20.0		105	70-130		
Bromomethane	19.5		µg/l		20.0		97.5	57.6-150		
2-Butanone (MEK)	19.4		µg/l		20.0		97.0	46.5-137		
n-Butylbenzene	17.9		µg/l		20.0		89.5	70-130		
sec-Butylbenzene	20.4		µg/l		20.0		102	70-130		
tert-Butylbenzene	21.6		µg/l		20.0		108	70-130		
Carbon disulfide	19.4		µg/l		20.0		97.0	70-130		
Carbon tetrachloride	16.7		µg/l		20.0		83.5	70-130		
Chlorobenzene	20.8		µg/l		20.0		104	70-130		
Chloroethane	20.3		µg/l		20.0		102	57.6-143		
Chloroform	22.9		µg/l		20.0		114	70-130		
Chloromethane	19.7		µg/l		20.0		98.5	70-130		
2-Chlorotoluene	21.2		µg/l		20.0		106	70-130		
4-Chlorotoluene	20.5		µg/l		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	19.1		µg/l		20.0		95.5	70-130		
Dibromochloromethane	23.9		µg/l		20.0		120	62.5-139		
1,2-Dibromoethane (EDB)	22.1		µg/l		20.0		110	70-130		
Dibromomethane	20.9		µg/l		20.0		104	70-130		
1,2-Dichlorobenzene	19.1		µg/l		20.0		95.5	70-130		
1,3-Dichlorobenzene	21.7		µg/l		20.0		108	70-130		
1,4-Dichlorobenzene	19.1		µg/l		20.0		95.5	70-130		
Dichlorodifluoromethane (Freon12)	18.1		µg/l		20.0		90.5	34.6-198		
1,1-Dichloroethane	20.3		µg/l		20.0		102	70-130		
1,2-Dichloroethane	20.3		µg/l		20.0		102	70-130		
1,1-Dichloroethene	20.5		µg/l		20.0		102	70-130		
cis-1,2-Dichloroethene	21.9		µg/l		20.0		110	70-130		
trans-1,2-Dichloroethene	20.9		µg/l		20.0		104	70-130		
1,2-Dichloropropane	20.6		µg/l		20.0		103	70-130		
1,3-Dichloropropane	21.4		µg/l		20.0		107	70-130		
2,2-Dichloropropane	12.0	QC2	µg/l		20.0		60.0	70-130		
1,1-Dichloropropene	20.8		µg/l		20.0		104	70-130		
cis-1,3-Dichloropropene	18.1		µg/l		20.0		90.5	70-130		
trans-1,3-Dichloropropene	15.8		µg/l		20.0		79.0	70-130		
Ethylbenzene	21.1		µg/l		20.0		106	70-130		
Hexachlorobutadiene	21.1		µg/l		20.0		106	63.4-142		
2-Hexanone (MBK)	20.9		µg/l		20.0		104	70-130		
Isopropylbenzene	20.5		µg/l		20.0		102	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011061 - SW846 5030 Water MS										
LCS (7011061-BS1)										
Prepared & Analyzed: 17-Jan-07										
4-Isopropyltoluene	19.9		µg/l		20.0		99.5	70-130		
Methyl tert-butyl ether	19.9		µg/l		20.0		99.5	70-130		
4-Methyl-2-pentanone (MIBK)	20.6		µg/l		20.0		103	51-135		
Methylene chloride	19.8		µg/l		20.0		99.0	70-130		
Naphthalene	23.6		µg/l		20.0		118	70-130		
n-Propylbenzene	20.0		µg/l		20.0		100	70-130		
Styrene	21.3		µg/l		20.0		106	70-130		
1,1,1,2-Tetrachloroethane	19.4		µg/l		20.0		97.0	70-130		
1,1,2,2-Tetrachloroethane	21.6		µg/l		20.0		108	70-130		
Tetrachloroethene	21.3		µg/l		20.0		106	70-130		
Toluene	20.6		µg/l		20.0		103	70-130		
1,2,3-Trichlorobenzene	23.3		µg/l		20.0		116	70-130		
1,2,4-Trichlorobenzene	20.1		µg/l		20.0		100	70-130		
1,1,1-Trichloroethane	18.1		µg/l		20.0		90.5	70-130		
1,1,2-Trichloroethane	22.2		µg/l		20.0		111	70-130		
Trichloroethene	22.2		µg/l		20.0		111	70-130		
Trichlorofluoromethane (Freon 11)	19.9		µg/l		20.0		99.5	63.2-153		
1,2,3-Trichloropropane	24.0		µg/l		20.0		120	70-130		
1,2,4-Trimethylbenzene	21.5		µg/l		20.0		108	70-130		
1,3,5-Trimethylbenzene	20.8		µg/l		20.0		104	70-130		
Vinyl chloride	22.3		µg/l		20.0		112	70-130		
m,p-Xylene	43.4		µg/l		40.0		108	70-130		
o-Xylene	21.6		µg/l		20.0		108	70-130		
Tetrahydrofuran	20.6		µg/l		20.0		103	70-130		
Ethyl ether	21.4		µg/l		20.0		107	57.2-135		
Tert-amyl methyl ether	23.7		µg/l		20.0		118	70-130		
Ethyl tert-butyl ether	17.8		µg/l		20.0		89.0	70-130		
Di-isopropyl ether	18.8		µg/l		20.0		94.0	70-130		
Tert-Butanol / butyl alcohol	191		µg/l		200		95.5	70-130		
1,4-Dioxane	229		µg/l		200		114	41.5-136		
Surrogate: 4-Bromofluorobenzene	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.9*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.9*		µg/l		*50.0*		*95.8*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/l		*50.0*		*102*	*70-130*		
LCS Dup (7011061-BSD1)										
Prepared & Analyzed: 17-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.8		µg/l		20.0		89.0	70-130	11.6	25
Acetone	22.6		µg/l		20.0		113	32.4-154	4.52	50
Acrylonitrile	21.9		µg/l		20.0		110	70-130	0.00	25
Benzene	19.6		µg/l		20.0		98.0	70-130	4.98	25
Bromobenzene	21.1		µg/l		20.0		106	70-130	1.87	25
Bromochloromethane	20.6		µg/l		20.0		103	70-130	2.87	25
Bromodichloromethane	20.7		µg/l		20.0		104	70-130	5.61	25
Bromoform	20.8		µg/l		20.0		104	70-130	0.957	25
Bromomethane	18.5		µg/l		20.0		92.5	57.6-150	5.26	50
2-Butanone (MEK)	19.0		µg/l		20.0		95.0	46.5-137	2.08	50
n-Butylbenzene	17.4		µg/l		20.0		87.0	70-130	2.83	25
sec-Butylbenzene	20.1		µg/l		20.0		100	70-130	1.98	25
tert-Butylbenzene	21.1		µg/l		20.0		106	70-130	1.87	25
Carbon disulfide	16.8		µg/l		20.0		84.0	70-130	14.4	25
Carbon tetrachloride	15.3		µg/l		20.0		76.5	70-130	8.75	25
Chlorobenzene	19.7		µg/l		20.0		98.5	70-130	5.43	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011061 - SW846 5030 Water MS										
LCS Dup (7011061-BSD1)										
Prepared & Analyzed: 17-Jan-07										
Chloroethane	18.7		µg/l		20.0		93.5	57.6-143	8.70	50
Chloroform	21.7		µg/l		20.0		108	70-130	5.41	25
Chloromethane	18.3		µg/l		20.0		91.5	70-130	7.37	25
2-Chlorotoluene	20.7		µg/l		20.0		104	70-130	1.90	25
4-Chlorotoluene	19.9		µg/l		20.0		99.5	70-130	2.48	25
1,2-Dibromo-3-chloropropane	18.7		µg/l		20.0		93.5	70-130	2.12	25
Dibromochloromethane	23.2		µg/l		20.0		116	62.5-139	3.39	50
1,2-Dibromoethane (EDB)	21.4		µg/l		20.0		107	70-130	2.76	25
Dibromomethane	19.6		µg/l		20.0		98.0	70-130	5.94	25
1,2-Dichlorobenzene	18.5		µg/l		20.0		92.5	70-130	3.19	25
1,3-Dichlorobenzene	20.8		µg/l		20.0		104	70-130	3.77	25
1,4-Dichlorobenzene	18.0		µg/l		20.0		90.0	70-130	5.93	25
Dichlorodifluoromethane (Freon12)	15.9		µg/l		20.0		79.5	34.6-198	12.9	50
1,1-Dichloroethane	19.6		µg/l		20.0		98.0	70-130	4.00	25
1,2-Dichloroethane	19.3		µg/l		20.0		96.5	70-130	5.54	25
1,1-Dichloroethene	18.5		µg/l		20.0		92.5	70-130	9.77	25
cis-1,2-Dichloroethene	20.6		µg/l		20.0		103	70-130	6.57	25
trans-1,2-Dichloroethene	18.5		µg/l		20.0		92.5	70-130	11.7	25
1,2-Dichloropropane	19.7		µg/l		20.0		98.5	70-130	4.47	25
1,3-Dichloropropane	20.5		µg/l		20.0		102	70-130	4.78	25
2,2-Dichloropropane	10.7	QC2	µg/l		20.0		53.5	70-130	11.5	25
1,1-Dichloropropene	18.7		µg/l		20.0		93.5	70-130	10.6	25
cis-1,3-Dichloropropene	17.2		µg/l		20.0		86.0	70-130	5.10	25
trans-1,3-Dichloropropene	15.1		µg/l		20.0		75.5	70-130	4.53	25
Ethylbenzene	20.0		µg/l		20.0		100	70-130	5.83	25
Hexachlorobutadiene	18.4		µg/l		20.0		92.0	63.4-142	14.1	50
2-Hexanone (MBK)	20.0		µg/l		20.0		100	70-130	3.92	25
Isopropylbenzene	19.7		µg/l		20.0		98.5	70-130	3.49	25
4-Isopropyltoluene	19.6		µg/l		20.0		98.0	70-130	1.52	25
Methyl tert-butyl ether	19.3		µg/l		20.0		96.5	70-130	3.06	25
4-Methyl-2-pentanone (MIBK)	20.0		µg/l		20.0		100	51-135	2.96	50
Methylene chloride	18.8		µg/l		20.0		94.0	70-130	5.18	25
Naphthalene	22.0		µg/l		20.0		110	70-130	7.02	25
n-Propylbenzene	19.3		µg/l		20.0		96.5	70-130	3.56	25
Styrene	20.6		µg/l		20.0		103	70-130	2.87	25
1,1,1,2-Tetrachloroethane	18.6		µg/l		20.0		93.0	70-130	4.21	25
1,1,2,2-Tetrachloroethane	20.9		µg/l		20.0		104	70-130	3.77	25
Tetrachloroethene	19.3		µg/l		20.0		96.5	70-130	9.38	25
Toluene	19.4		µg/l		20.0		97.0	70-130	6.00	25
1,2,3-Trichlorobenzene	21.6		µg/l		20.0		108	70-130	7.14	25
1,2,4-Trichlorobenzene	19.6		µg/l		20.0		98.0	70-130	2.02	25
1,1,1-Trichloroethane	17.1		µg/l		20.0		85.5	70-130	5.68	25
1,1,2-Trichloroethane	21.4		µg/l		20.0		107	70-130	3.67	25
Trichloroethene	19.8		µg/l		20.0		99.0	70-130	11.4	25
Trichlorofluoromethane (Freon 11)	17.8		µg/l		20.0		89.0	63.2-153	11.1	50
1,2,3-Trichloropropane	22.5		µg/l		20.0		112	70-130	6.90	25
1,2,4-Trimethylbenzene	21.1		µg/l		20.0		106	70-130	1.87	25
1,3,5-Trimethylbenzene	20.3		µg/l		20.0		102	70-130	1.94	25
Vinyl chloride	19.9		µg/l		20.0		99.5	70-130	11.8	25
m,p-Xylene	41.3		µg/l		40.0		103	70-130	4.74	25
o-Xylene	20.8		µg/l		20.0		104	70-130	3.77	25
Tetrahydrofuran	20.5		µg/l		20.0		102	70-130	0.976	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011061 - SW846 5030 Water MS										
LCS Dup (7011061-BSD1)										
Prepared & Analyzed: 17-Jan-07										
Ethyl ether	20.9		µg/l		20.0		104	57.2-135	2.84	50
Tert-amyl methyl ether	22.9		µg/l		20.0		114	70-130	3.45	25
Ethyl tert-butyl ether	17.5		µg/l		20.0		87.5	70-130	1.70	25
Di-isopropyl ether	18.4		µg/l		20.0		92.0	70-130	2.15	25
Tert-Butanol / butyl alcohol	188		µg/l		200		94.0	70-130	1.58	25
1,4-Dioxane	225		µg/l		200		112	41.5-136	1.77	25
Surrogate: 4-Bromofluorobenzene	*51.6*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.5*		µg/l		*50.0*		*95.0*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Matrix Spike (7011061-MS1) **Source: SA56704-04**										
Prepared & Analyzed: 17-Jan-07										
Benzene	20.5		µg/l		20.0	BRL	102	70-130		
Chlorobenzene	22.2		µg/l		20.0	BRL	111	70-130		
1,1-Dichloroethene	13.9	QM7	µg/l		20.0	0.500	67.0	70-130		
Toluene	21.8		µg/l		20.0	0.650	106	70-130		
Trichloroethene	22.1		µg/l		20.0	3.14	94.8	70-130		
Surrogate: 4-Bromofluorobenzene	*53.6*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*52.0*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.0*		µg/l		*50.0*		*90.0*	*70-130*		
Surrogate: Dibromofluoromethane	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
Matrix Spike Dup (7011061-MSD1) **Source: SA56704-04**										
Prepared & Analyzed: 17-Jan-07										
Benzene	20.6		µg/l		20.0	BRL	103	70-130	0.976	30
Chlorobenzene	22.1		µg/l		20.0	BRL	110	70-130	0.905	30
1,1-Dichloroethene	14.3	QM7	µg/l		20.0	0.500	69.0	70-130	2.94	30
Toluene	22.0		µg/l		20.0	0.650	107	70-130	0.939	30
Trichloroethene	21.8		µg/l		20.0	3.14	93.3	70-130	1.59	30
Surrogate: 4-Bromofluorobenzene	*53.1*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*52.4*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.4*		µg/l		*50.0*		*90.8*	*70-130*		
Surrogate: Dibromofluoromethane	*48.3*		µg/l		*50.0*		*96.6*	*70-130*		
Batch 7011165 - SW846 5030 Soil (high level)										
Blank (7011165-BLK1)										
Prepared & Analyzed: 18-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg wet	1.0						
Acetone	BRL	U	µg/kg wet	20.0						
Acrylonitrile	BRL	U	µg/kg wet	1.0						
Benzene	BRL	U	µg/kg wet	1.0						
Bromobenzene	BRL	U	µg/kg wet	1.0						
Bromochloromethane	BRL	U	µg/kg wet	1.0						
Bromodichloromethane	BRL	U	µg/kg wet	1.0						
Bromoform	BRL	U	µg/kg wet	1.0						
Bromomethane	BRL	U	µg/kg wet	2.0						
2-Butanone (MEK)	BRL	U	µg/kg wet	10.0						
n-Butylbenzene	BRL	U	µg/kg wet	1.0						
sec-Butylbenzene	BRL	U	µg/kg wet	1.0						
tert-Butylbenzene	BRL	U	µg/kg wet	1.0						
Carbon disulfide	BRL	U	µg/kg wet	5.0						
Carbon tetrachloride	BRL	U	µg/kg wet	1.0						
Chlorobenzene	BRL	U	µg/kg wet	1.0						
Chloroethane	BRL	U	µg/kg wet	2.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011165 - SW846 5030 Soil (high level)										
Blank (7011165-BLK1)										
Prepared & Analyzed: 18-Jan-07										
Chloroform	BRL	U	µg/kg wet	1.0						
Chloromethane	BRL	U	µg/kg wet	2.0						
2-Chlorotoluene	BRL	U	µg/kg wet	1.0						
4-Chlorotoluene	BRL	U	µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL	U	µg/kg wet	2.0						
Dibromochloromethane	BRL	U	µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL	U	µg/kg wet	1.0						
Dibromomethane	BRL	U	µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL	U	µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL	U	µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL	U	µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL	U	µg/kg wet	2.0						
1,1-Dichloroethane	BRL	U	µg/kg wet	1.0						
1,2-Dichloroethane	BRL	U	µg/kg wet	1.0						
1,1-Dichloroethene	BRL	U	µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL	U	µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL	U	µg/kg wet	1.0						
1,2-Dichloropropane	BRL	U	µg/kg wet	1.0						
1,3-Dichloropropane	BRL	U	µg/kg wet	1.0						
2,2-Dichloropropane	BRL	U	µg/kg wet	1.0						
1,1-Dichloropropene	BRL	U	µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL	U	µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL	U	µg/kg wet	1.0						
Ethylbenzene	BRL	U	µg/kg wet	1.0						
Hexachlorobutadiene	BRL	U	µg/kg wet	1.0						
2-Hexanone (MBK)	BRL	U	µg/kg wet	10.0						
Isopropylbenzene	BRL	U	µg/kg wet	1.0						
4-Isopropyltoluene	BRL	U	µg/kg wet	1.0						
Methyl tert-butyl ether	BRL	U	µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg wet	10.0						
Methylene chloride	BRL	U	µg/kg wet	10.0						
Naphthalene	BRL	U	µg/kg wet	1.0						
n-Propylbenzene	BRL	U	µg/kg wet	1.0						
Styrene	BRL	U	µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL	U	µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL	U	µg/kg wet	1.0						
Tetrachloroethene	BRL	U	µg/kg wet	1.0						
Toluene	BRL	U	µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL	U	µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL	U	µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL	U	µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL	U	µg/kg wet	1.0						
Trichloroethene	BRL	U	µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL	U	µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL	U	µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL	U	µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL	U	µg/kg wet	1.0						
Vinyl chloride	BRL	U	µg/kg wet	1.0						
m,p-Xylene	BRL	U	µg/kg wet	2.0						
o-Xylene	BRL	U	µg/kg wet	1.0						
Tetrahydrofuran	BRL	U	µg/kg wet	10.0						
Ethyl ether	BRL	U	µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011165 - SW846 5030 Soil (high level)										
Blank (7011165-BLK1)										
Prepared & Analyzed: 18-Jan-07										
Tert-amyl methyl ether	BRL	U	µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL	U	µg/kg wet	1.0						
Di-isopropyl ether	BRL	U	µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL	U	µg/kg wet	10.0						
1,4-Dioxane	BRL	U	µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*49.0*		µg/kg wet		*50.0*		*98.0*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.1*		µg/kg wet		*50.0*		*90.2*	*70-130*		
Surrogate: Dibromofluoromethane	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS (7011165-BS1)										
Prepared & Analyzed: 18-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.1		µg/kg wet		20.0		100	70-130		
Acetone	16.4		µg/kg wet		20.0		82.0	3.31-159		
Acrylonitrile	20.7		µg/kg wet		20.0		104	70-130		
Benzene	21.0		µg/kg wet		20.0		105	70-130		
Bromobenzene	21.0		µg/kg wet		20.0		105	70-130		
Bromochloromethane	20.9		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	19.6		µg/kg wet		20.0		98.0	70-130		
Bromoform	21.2		µg/kg wet		20.0		106	70-130		
Bromomethane	12.6		µg/kg wet		20.0		63.0	50-140		
2-Butanone (MEK)	17.8		µg/kg wet		20.0		89.0	47.7-127		
n-Butylbenzene	18.4		µg/kg wet		20.0		92.0	70-130		
sec-Butylbenzene	18.8		µg/kg wet		20.0		94.0	70-130		
tert-Butylbenzene	19.2		µg/kg wet		20.0		96.0	70-130		
Carbon disulfide	18.4		µg/kg wet		20.0		92.0	70-130		
Carbon tetrachloride	17.5		µg/kg wet		20.0		87.5	70-130		
Chlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
Chloroethane	19.8		µg/kg wet		20.0		99.0	55.9-135		
Chloroform	21.1		µg/kg wet		20.0		106	70-130		
Chloromethane	19.0		µg/kg wet		20.0		95.0	70-130		
2-Chlorotoluene	21.0		µg/kg wet		20.0		105	70-130		
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	19.5		µg/kg wet		20.0		97.5	70-130		
Dibromochloromethane	20.4		µg/kg wet		20.0		102	72-125		
1,2-Dibromoethane (EDB)	20.6		µg/kg wet		20.0		103	70-130		
Dibromomethane	19.6		µg/kg wet		20.0		98.0	70-130		
1,2-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
1,3-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	17.8		µg/kg wet		20.0		89.0	42.3-190		
1,1-Dichloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dichloroethane	18.9		µg/kg wet		20.0		94.5	70-130		
1,1-Dichloroethene	19.4		µg/kg wet		20.0		97.0	70-130		
cis-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130		
trans-1,2-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130		
1,3-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
2,2-Dichloropropane	18.9		µg/kg wet		20.0		94.5	70-130		
1,1-Dichloropropene	19.3		µg/kg wet		20.0		96.5	70-130		
cis-1,3-Dichloropropene	23.6		µg/kg wet		20.0		118	70-130		
trans-1,3-Dichloropropene	19.7		µg/kg wet		20.0		98.5	70-130		
Ethylbenzene	21.0		µg/kg wet		20.0		105	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011165 - SW846 5030 Soil (high level)										
LCS (7011165-BS1)										
Prepared & Analyzed: 18-Jan-07										
Hexachlorobutadiene	20.0		µg/kg wet		20.0		100	70-137		
2-Hexanone (MBK)	18.4		µg/kg wet		20.0		92.0	70-130		
Isopropylbenzene	19.6		µg/kg wet		20.0		98.0	70-130		
4-Isopropyltoluene	20.3		µg/kg wet		20.0		102	70-130		
Methyl tert-butyl ether	21.8		µg/kg wet		20.0		109	70-130		
4-Methyl-2-pentanone (MIBK)	20.6		µg/kg wet		20.0		103	48.5-127		
Methylene chloride	18.2		µg/kg wet		20.0		91.0	70-130		
Naphthalene	20.5		µg/kg wet		20.0		102	70-130		
n-Propylbenzene	19.6		µg/kg wet		20.0		98.0	70-130		
Styrene	21.0		µg/kg wet		20.0		105	70-130		
1,1,1,2-Tetrachloroethane	22.0		µg/kg wet		20.0		110	70-130		
1,1,2,2-Tetrachloroethane	21.5		µg/kg wet		20.0		108	70-130		
Tetrachloroethene	20.2		µg/kg wet		20.0		101	70-130		
Toluene	20.3		µg/kg wet		20.0		102	70-130		
1,2,3-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,2,4-Trichlorobenzene	21.3		µg/kg wet		20.0		106	70-130		
1,1,1-Trichloroethane	18.6		µg/kg wet		20.0		93.0	70-130		
1,1,2-Trichloroethane	21.5		µg/kg wet		20.0		108	70-130		
Trichloroethene	19.6		µg/kg wet		20.0		98.0	70-130		
Trichlorofluoromethane (Freon 11)	17.1		µg/kg wet		20.0		85.5	66.5-144		
1,2,3-Trichloropropane	23.0		µg/kg wet		20.0		115	70-130		
1,2,4-Trimethylbenzene	20.5		µg/kg wet		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.1		µg/kg wet		20.0		100	70-130		
Vinyl chloride	22.2		µg/kg wet		20.0		111	70-130		
m,p-Xylene	43.2		µg/kg wet		40.0		108	70-130		
o-Xylene	22.7		µg/kg wet		20.0		114	70-130		
Tetrahydrofuran	20.2		µg/kg wet		20.0		101	70-130		
Ethyl ether	21.5		µg/kg wet		20.0		108	64.9-123		
Tert-amyl methyl ether	17.8		µg/kg wet		20.0		89.0	70-130		
Ethyl tert-butyl ether	22.7		µg/kg wet		20.0		114	70-130		
Di-isopropyl ether	20.6		µg/kg wet		20.0		103	70-130		
Tert-Butanol / butyl alcohol	199		µg/kg wet		200		99.5	70-130		
1,4-Dioxane	186		µg/kg wet		200		93.0	40-134		
Surrogate: 4-Bromofluorobenzene	*49.8*		µg/kg wet		*50.0*		*99.6*	*70-130*		
Surrogate: Toluene-d8	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.4*		µg/kg wet		*50.0*		*88.8*	*70-130*		
Surrogate: Dibromofluoromethane	*49.4*		µg/kg wet		*50.0*		*98.8*	*70-130*		
LCS Dup (7011165-BSD1)										
Prepared & Analyzed: 18-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.8		µg/kg wet		20.0		94.0	70-130	6.19	25
Acetone	15.9		µg/kg wet		20.0		79.5	3.31-159	3.10	50
Acrylonitrile	20.0		µg/kg wet		20.0		100	70-130	3.92	25
Benzene	20.5		µg/kg wet		20.0		102	70-130	2.90	25
Bromobenzene	20.7		µg/kg wet		20.0		104	70-130	0.957	25
Bromochloromethane	20.8		µg/kg wet		20.0		104	70-130	0.00	25
Bromodichloromethane	19.7		µg/kg wet		20.0		98.5	70-130	0.509	25
Bromoform	21.3		µg/kg wet		20.0		106	70-130	0.00	25
Bromomethane	13.0		µg/kg wet		20.0		65.0	50-140	3.12	50
2-Butanone (MEK)	17.8		µg/kg wet		20.0		89.0	47.7-127	0.00	50
n-Butylbenzene	17.8		µg/kg wet		20.0		89.0	70-130	3.31	25
sec-Butylbenzene	18.0		µg/kg wet		20.0		90.0	70-130	4.35	25
tert-Butylbenzene	18.4		µg/kg wet		20.0		92.0	70-130	4.26	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011165 - SW846 5030 Soil (high level)										
LCS Dup (7011165-BSD1)										
Prepared & Analyzed: 18-Jan-07										
Carbon disulfide	18.2		µg/kg wet		20.0		91.0	70-130	1.09	25
Carbon tetrachloride	16.7		µg/kg wet		20.0		83.5	70-130	4.68	25
Chlorobenzene	21.0		µg/kg wet		20.0		105	70-130	2.82	25
Chloroethane	18.8		µg/kg wet		20.0		94.0	55.9-135	5.18	50
Chloroform	20.6		µg/kg wet		20.0		103	70-130	2.87	25
Chloromethane	17.7		µg/kg wet		20.0		88.5	70-130	7.08	25
2-Chlorotoluene	20.5		µg/kg wet		20.0		102	70-130	2.90	25
4-Chlorotoluene	20.6		µg/kg wet		20.0		103	70-130	2.87	25
1,2-Dibromo-3-chloropropane	19.7		µg/kg wet		20.0		98.5	70-130	1.02	25
Dibromochloromethane	20.2		µg/kg wet		20.0		101	72-125	0.985	50
1,2-Dibromoethane (EDB)	20.4		µg/kg wet		20.0		102	70-130	0.976	25
Dibromomethane	19.2		µg/kg wet		20.0		96.0	70-130	2.06	25
1,2-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	3.81	25
1,3-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	3.92	25
1,4-Dichlorobenzene	19.7		µg/kg wet		20.0		98.5	70-130	3.49	25
Dichlorodifluoromethane (Freon12)	17.0		µg/kg wet		20.0		85.0	42.3-190	4.60	50
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97.0	70-130	3.05	25
1,2-Dichloroethane	18.6		µg/kg wet		20.0		93.0	70-130	1.60	25
1,1-Dichloroethene	18.3		µg/kg wet		20.0		91.5	70-130	5.84	25
cis-1,2-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130	0.939	25
trans-1,2-Dichloroethene	19.5		µg/kg wet		20.0		97.5	70-130	3.53	25
1,2-Dichloropropane	20.3		µg/kg wet		20.0		102	70-130	1.94	25
1,3-Dichloropropane	19.9		µg/kg wet		20.0		99.5	70-130	2.48	25
2,2-Dichloropropane	18.4		µg/kg wet		20.0		92.0	70-130	2.68	25
1,1-Dichloropropene	18.2		µg/kg wet		20.0		91.0	70-130	5.87	25
cis-1,3-Dichloropropene	23.2		µg/kg wet		20.0		116	70-130	1.71	25
trans-1,3-Dichloropropene	19.3		µg/kg wet		20.0		96.5	70-130	2.05	25
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130	2.90	25
Hexachlorobutadiene	19.7		µg/kg wet		20.0		98.5	70-137	1.51	50
2-Hexanone (MBK)	18.2		µg/kg wet		20.0		91.0	70-130	1.09	25
Isopropylbenzene	18.9		µg/kg wet		20.0		94.5	70-130	3.64	25
4-Isopropyltoluene	19.5		µg/kg wet		20.0		97.5	70-130	4.51	25
Methyl tert-butyl ether	21.5		µg/kg wet		20.0		108	70-130	0.922	25
4-Methyl-2-pentanone (MIBK)	20.5		µg/kg wet		20.0		102	48.5-127	0.976	50
Methylene chloride	17.7		µg/kg wet		20.0		88.5	70-130	2.79	25
Naphthalene	20.7		µg/kg wet		20.0		104	70-130	1.94	25
n-Propylbenzene	18.7		µg/kg wet		20.0		93.5	70-130	4.70	25
Styrene	20.3		µg/kg wet		20.0		102	70-130	2.90	25
1,1,1,2-Tetrachloroethane	21.5		µg/kg wet		20.0		108	70-130	1.83	25
1,1,2,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130	2.82	25
Tetrachloroethene	19.0		µg/kg wet		20.0		95.0	70-130	6.12	25
Toluene	19.7		µg/kg wet		20.0		98.5	70-130	3.49	25
1,2,3-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130	0.00	25
1,2,4-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	1.90	25
1,1,1-Trichloroethane	18.0		µg/kg wet		20.0		90.0	70-130	3.28	25
1,1,2-Trichloroethane	21.4		µg/kg wet		20.0		107	70-130	0.930	25
Trichloroethene	19.4		µg/kg wet		20.0		97.0	70-130	1.03	25
Trichlorofluoromethane (Freon 11)	16.3		µg/kg wet		20.0		81.5	66.5-144	4.79	50
1,2,3-Trichloropropane	22.4		µg/kg wet		20.0		112	70-130	2.64	25
1,2,4-Trimethylbenzene	19.8		µg/kg wet		20.0		99.0	70-130	2.99	25
1,3,5-Trimethylbenzene	19.5		µg/kg wet		20.0		97.5	70-130	2.53	25
Vinyl chloride	20.6		µg/kg wet		20.0		103	70-130	7.48	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011165 - SW846 5030 Soil (high level)										
LCS Dup (7011165-BSD1)										
Prepared & Analyzed: 18-Jan-07										
m,p-Xylene	41.3		µg/kg wet		40.0		103	70-130	4.74	25
o-Xylene	21.8		µg/kg wet		20.0		109	70-130	4.48	25
Tetrahydrofuran	19.6		µg/kg wet		20.0		98.0	70-130	3.02	25
Ethyl ether	21.0		µg/kg wet		20.0		105	64.9-123	2.82	50
Tert-amyl methyl ether	17.3		µg/kg wet		20.0		86.5	70-130	2.85	25
Ethyl tert-butyl ether	22.7		µg/kg wet		20.0		114	70-130	0.00	25
Di-isopropyl ether	20.0		µg/kg wet		20.0		100	70-130	2.96	25
Tert-Butanol / butyl alcohol	196		µg/kg wet		200		98.0	70-130	1.52	25
1,4-Dioxane	194		µg/kg wet		200		97.0	40-134	4.21	25
Surrogate: 4-Bromofluorobenzene	*49.9*		µg/kg wet		*50.0*		*99.8*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.4*		µg/kg wet		*50.0*		*88.8*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/kg wet		*50.0*		*99.4*	*70-130*		
Matrix Spike (7011165-MS1) **Source: SA56849-01**										
Prepared & Analyzed: 18-Jan-07										
Benzene	19.6		µg/kg dry		20.0	BRL	98.0	70-130		
Chlorobenzene	21.0		µg/kg dry		20.0	BRL	105	70-130		
1,1-Dichloroethene	20.9		µg/kg dry		20.0	BRL	104	70-130		
Toluene	19.6		µg/kg dry		20.0	BRL	98.0	70-130		
Trichloroethene	19.8		µg/kg dry		20.0	BRL	99.0	70-130		
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/kg dry		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*51.4*		µg/kg dry		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.0*		µg/kg dry		*50.0*		*88.0*	*70-130*		
Surrogate: Dibromofluoromethane	*48.9*		µg/kg dry		*50.0*		*97.8*	*70-130*		
Matrix Spike Dup (7011165-MSD1) **Source: SA56849-01**										
Prepared & Analyzed: 18-Jan-07										
Benzene	19.6		µg/kg dry		20.0	BRL	98.0	70-130	0.00	30
Chlorobenzene	20.8		µg/kg dry		20.0	BRL	104	70-130	0.957	30
1,1-Dichloroethene	20.2		µg/kg dry		20.0	BRL	101	70-130	2.93	30
Toluene	20.1		µg/kg dry		20.0	BRL	100	70-130	2.02	30
Trichloroethene	20.0		µg/kg dry		20.0	BRL	100	70-130	1.01	30
Surrogate: 4-Bromofluorobenzene	*50.5*		µg/kg dry		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*51.9*		µg/kg dry		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.5*		µg/kg dry		*50.0*		*87.0*	*70-130*		
Surrogate: Dibromofluoromethane	*49.0*		µg/kg dry		*50.0*		*98.0*	*70-130*		
Batch 7011235 - SW846 5030 Soil (high level)										
Blank (7011235-BLK1)										
Prepared & Analyzed: 19-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg wet	1.0						
Acetone	BRL	U	µg/kg wet	20.0						
Acrylonitrile	BRL	U	µg/kg wet	1.0						
Benzene	BRL	U	µg/kg wet	1.0						
Bromobenzene	BRL	U	µg/kg wet	1.0						
Bromochloromethane	BRL	U	µg/kg wet	1.0						
Bromodichloromethane	BRL	U	µg/kg wet	1.0						
Bromoform	BRL	U	µg/kg wet	1.0						
Bromomethane	BRL	U	µg/kg wet	2.0						
2-Butanone (MEK)	BRL	U	µg/kg wet	10.0						
n-Butylbenzene	BRL	U	µg/kg wet	1.0						
sec-Butylbenzene	BRL	U	µg/kg wet	1.0						
tert-Butylbenzene	BRL	U	µg/kg wet	1.0						
Carbon disulfide	BRL	U	µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011235 - SW846 5030 Soil (high level)										
Blank (7011235-BLK1)										
Prepared & Analyzed: 19-Jan-07										
Carbon tetrachloride	BRL	U	µg/kg wet	1.0						
Chlorobenzene	BRL	U	µg/kg wet	1.0						
Chloroethane	BRL	U	µg/kg wet	2.0						
Chloroform	BRL	U	µg/kg wet	1.0						
Chloromethane	BRL	U	µg/kg wet	2.0						
2-Chlorotoluene	BRL	U	µg/kg wet	1.0						
4-Chlorotoluene	BRL	U	µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL	U	µg/kg wet	2.0						
Dibromochloromethane	BRL	U	µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL	U	µg/kg wet	1.0						
Dibromomethane	BRL	U	µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL	U	µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL	U	µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL	U	µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL	U	µg/kg wet	2.0						
1,1-Dichloroethane	BRL	U	µg/kg wet	1.0						
1,2-Dichloroethane	BRL	U	µg/kg wet	1.0						
1,1-Dichloroethene	BRL	U	µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL	U	µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL	U	µg/kg wet	1.0						
1,2-Dichloropropane	BRL	U	µg/kg wet	1.0						
1,3-Dichloropropane	BRL	U	µg/kg wet	1.0						
2,2-Dichloropropane	BRL	U	µg/kg wet	1.0						
1,1-Dichloropropene	BRL	U	µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL	U	µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL	U	µg/kg wet	1.0						
Ethylbenzene	BRL	U	µg/kg wet	1.0						
Hexachlorobutadiene	BRL	U	µg/kg wet	1.0						
2-Hexanone (MBK)	BRL	U	µg/kg wet	10.0						
Isopropylbenzene	BRL	U	µg/kg wet	1.0						
4-Isopropyltoluene	BRL	U	µg/kg wet	1.0						
Methyl tert-butyl ether	BRL	U	µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg wet	10.0						
Methylene chloride	BRL	U	µg/kg wet	10.0						
Naphthalene	BRL	U	µg/kg wet	1.0						
n-Propylbenzene	BRL	U	µg/kg wet	1.0						
Styrene	BRL	U	µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL	U	µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL	U	µg/kg wet	1.0						
Tetrachloroethene	BRL	U	µg/kg wet	1.0						
Toluene	BRL	U	µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL	U	µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL	U	µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL	U	µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL	U	µg/kg wet	1.0						
Trichloroethene	BRL	U	µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL	U	µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL	U	µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL	U	µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL	U	µg/kg wet	1.0						
Vinyl chloride	BRL	U	µg/kg wet	1.0						
m,p-Xylene	BRL	U	µg/kg wet	2.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011235 - SW846 5030 Soil (high level)										
Blank (7011235-BLK1)										
Prepared & Analyzed: 19-Jan-07										
o-Xylene	BRL	U	µg/kg wet	1.0						
Tetrahydrofuran	BRL	U	µg/kg wet	10.0						
Ethyl ether	BRL	U	µg/kg wet	1.0						
Tert-amyl methyl ether	BRL	U	µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL	U	µg/kg wet	1.0						
Di-isopropyl ether	BRL	U	µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL	U	µg/kg wet	10.0						
1,4-Dioxane	BRL	U	µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.2*		µg/kg wet		*50.0*		*86.4*	*70-130*		
Surrogate: Dibromofluoromethane	*46.6*		µg/kg wet		*50.0*		*93.2*	*70-130*		
LCS (7011235-BS1)										
Prepared & Analyzed: 19-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.5		µg/kg wet		20.0		108	70-130		
Acetone	14.4		µg/kg wet		20.0		72.0	3.31-159		
Acrylonitrile	17.5		µg/kg wet		20.0		87.5	70-130		
Benzene	21.3		µg/kg wet		20.0		106	70-130		
Bromobenzene	23.7		µg/kg wet		20.0		118	70-130		
Bromochloromethane	22.4		µg/kg wet		20.0		112	70-130		
Bromodichloromethane	17.2		µg/kg wet		20.0		86.0	70-130		
Bromoform	13.3	QC1	µg/kg wet		20.0		66.5	70-130		
Bromomethane	18.9		µg/kg wet		20.0		94.5	50-140		
2-Butanone (MEK)	15.0		µg/kg wet		20.0		75.0	47.7-127		
n-Butylbenzene	17.7		µg/kg wet		20.0		88.5	70-130		
sec-Butylbenzene	20.2		µg/kg wet		20.0		101	70-130		
tert-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130		
Carbon disulfide	18.4		µg/kg wet		20.0		92.0	70-130		
Carbon tetrachloride	12.1	QC2	µg/kg wet		20.0		60.5	70-130		
Chlorobenzene	22.8		µg/kg wet		20.0		114	70-130		
Chloroethane	19.2		µg/kg wet		20.0		96.0	55.9-135		
Chloroform	21.0		µg/kg wet		20.0		105	70-130		
Chloromethane	19.4		µg/kg wet		20.0		97.0	70-130		
2-Chlorotoluene	22.3		µg/kg wet		20.0		112	70-130		
4-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130		
1,2-Dibromo-3-chloropropane	11.8	QC2	µg/kg wet		20.0		59.0	70-130		
Dibromochloromethane	15.2		µg/kg wet		20.0		76.0	72-125		
1,2-Dibromoethane (EDB)	20.0		µg/kg wet		20.0		100	70-130		
Dibromomethane	19.6		µg/kg wet		20.0		98.0	70-130		
1,2-Dichlorobenzene	22.4		µg/kg wet		20.0		112	70-130		
1,3-Dichlorobenzene	22.7		µg/kg wet		20.0		114	70-130		
1,4-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
Dichlorodifluoromethane (Freon12)	19.2		µg/kg wet		20.0		96.0	42.3-190		
1,1-Dichloroethane	19.7		µg/kg wet		20.0		98.5	70-130		
1,2-Dichloroethane	19.0		µg/kg wet		20.0		95.0	70-130		
1,1-Dichloroethene	19.8		µg/kg wet		20.0		99.0	70-130		
cis-1,2-Dichloroethene	22.4		µg/kg wet		20.0		112	70-130		
trans-1,2-Dichloroethene	21.3		µg/kg wet		20.0		106	70-130		
1,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130		
2,2-Dichloropropane	15.7		µg/kg wet		20.0		78.5	70-130		
1,1-Dichloropropene	19.6		µg/kg wet		20.0		98.0	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011235 - SW846 5030 Soil (high level)										
LCS (7011235-BS1)										
Prepared & Analyzed: 19-Jan-07										
cis-1,3-Dichloropropene	18.1		µg/kg wet		20.0		90.5	70-130		
trans-1,3-Dichloropropene	13.8	QC2	µg/kg wet		20.0		69.0	70-130		
Ethylbenzene	21.9		µg/kg wet		20.0		110	70-130		
Hexachlorobutadiene	22.7		µg/kg wet		20.0		114	70-137		
2-Hexanone (MBK)	15.6		µg/kg wet		20.0		78.0	70-130		
Isopropylbenzene	20.9		µg/kg wet		20.0		104	70-130		
4-Isopropyltoluene	21.1		µg/kg wet		20.0		106	70-130		
Methyl tert-butyl ether	22.2		µg/kg wet		20.0		111	70-130		
4-Methyl-2-pentanone (MIBK)	17.4		µg/kg wet		20.0		87.0	48.5-127		
Methylene chloride	18.4		µg/kg wet		20.0		92.0	70-130		
Naphthalene	21.3		µg/kg wet		20.0		106	70-130		
n-Propylbenzene	20.3		µg/kg wet		20.0		102	70-130		
Styrene	21.9		µg/kg wet		20.0		110	70-130		
1,1,1,2-Tetrachloroethane	16.2		µg/kg wet		20.0		81.0	70-130		
1,1,2,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98.0	70-130		
Tetrachloroethene	22.4		µg/kg wet		20.0		112	70-130		
Toluene	21.1		µg/kg wet		20.0		106	70-130		
1,2,3-Trichlorobenzene	22.7		µg/kg wet		20.0		114	70-130		
1,2,4-Trichlorobenzene	22.2		µg/kg wet		20.0		111	70-130		
1,1,1-Trichloroethane	16.3		µg/kg wet		20.0		81.5	70-130		
1,1,2-Trichloroethane	21.0		µg/kg wet		20.0		105	70-130		
Trichloroethene	20.8		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	18.5		µg/kg wet		20.0		92.5	66.5-144		
1,2,3-Trichloropropane	22.2		µg/kg wet		20.0		111	70-130		
1,2,4-Trimethylbenzene	22.0		µg/kg wet		20.0		110	70-130		
1,3,5-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130		
Vinyl chloride	21.6		µg/kg wet		20.0		108	70-130		
m,p-Xylene	45.7		µg/kg wet		40.0		114	70-130		
o-Xylene	24.0		µg/kg wet		20.0		120	70-130		
Tetrahydrofuran	17.7		µg/kg wet		20.0		88.5	70-130		
Ethyl ether	20.4		µg/kg wet		20.0		102	64.9-123		
Tert-amyl methyl ether	15.5		µg/kg wet		20.0		77.5	70-130		
Ethyl tert-butyl ether	23.3		µg/kg wet		20.0		116	70-130		
Di-isopropyl ether	19.0		µg/kg wet		20.0		95.0	70-130		
Tert-Butanol / butyl alcohol	173		µg/kg wet		200		86.5	70-130		
1,4-Dioxane	198		µg/kg wet		200		99.0	40-134		
Surrogate: 4-Bromofluorobenzene	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.3*		µg/kg wet		*50.0*		*86.6*	*70-130*		
Surrogate: Dibromofluoromethane	*49.4*		µg/kg wet		*50.0*		*98.8*	*70-130*		
LCS Dup (7011235-BSD1)										
Prepared & Analyzed: 19-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.5		µg/kg wet		20.0		97.5	70-130	10.2	25
Acetone	14.1		µg/kg wet		20.0		70.5	3.31-159	2.11	50
Acrylonitrile	17.5		µg/kg wet		20.0		87.5	70-130	0.00	25
Benzene	20.1		µg/kg wet		20.0		100	70-130	5.83	25
Bromobenzene	22.3		µg/kg wet		20.0		112	70-130	5.22	25
Bromochloromethane	22.0		µg/kg wet		20.0		110	70-130	1.80	25
Bromodichloromethane	16.5		µg/kg wet		20.0		82.5	70-130	4.15	25
Bromoform	14.2		µg/kg wet		20.0		71.0	70-130	6.55	25
Bromomethane	18.4		µg/kg wet		20.0		92.0	50-140	2.68	50
2-Butanone (MEK)	15.1		µg/kg wet		20.0		75.5	47.7-127	0.664	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011235 - SW846 5030 Soil (high level)										
LCS Dup (7011235-BSD1)										
Prepared & Analyzed: 19-Jan-07										
n-Butylbenzene	16.4		µg/kg wet		20.0		82.0	70-130	7.62	25
sec-Butylbenzene	18.7		µg/kg wet		20.0		93.5	70-130	7.71	25
tert-Butylbenzene	19.8		µg/kg wet		20.0		99.0	70-130	6.83	25
Carbon disulfide	17.2		µg/kg wet		20.0		86.0	70-130	6.74	25
Carbon tetrachloride	11.9	QC2	µg/kg wet		20.0		59.5	70-130	1.67	25
Chlorobenzene	21.8		µg/kg wet		20.0		109	70-130	4.48	25
Chloroethane	18.1		µg/kg wet		20.0		90.5	55.9-135	5.90	50
Chloroform	20.0		µg/kg wet		20.0		100	70-130	4.88	25
Chloromethane	18.0		µg/kg wet		20.0		90.0	70-130	7.49	25
2-Chlorotoluene	20.8		µg/kg wet		20.0		104	70-130	7.41	25
4-Chlorotoluene	20.8		µg/kg wet		20.0		104	70-130	7.41	25
1,2-Dibromo-3-chloropropane	12.4	QC2	µg/kg wet		20.0		62.0	70-130	4.96	25
Dibromochloromethane	15.5		µg/kg wet		20.0		77.5	72-125	1.95	50
1,2-Dibromoethane (EDB)	19.5		µg/kg wet		20.0		97.5	70-130	2.53	25
Dibromomethane	18.8		µg/kg wet		20.0		94.0	70-130	4.17	25
1,2-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	6.45	25
1,3-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	6.33	25
1,4-Dichlorobenzene	19.7		µg/kg wet		20.0		98.5	70-130	6.39	25
Dichlorodifluoromethane (Freon12)	18.0		µg/kg wet		20.0		90.0	42.3-190	6.45	50
1,1-Dichloroethane	18.8		µg/kg wet		20.0		94.0	70-130	4.68	25
1,2-Dichloroethane	18.6		µg/kg wet		20.0		93.0	70-130	2.13	25
1,1-Dichloroethene	18.5		µg/kg wet		20.0		92.5	70-130	6.79	25
cis-1,2-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130	5.50	25
trans-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98.0	70-130	7.84	25
1,2-Dichloropropane	19.4		µg/kg wet		20.0		97.0	70-130	5.03	25
1,3-Dichloropropane	19.5		µg/kg wet		20.0		97.5	70-130	2.53	25
2,2-Dichloropropane	14.7		µg/kg wet		20.0		73.5	70-130	6.58	25
1,1-Dichloropropene	17.8		µg/kg wet		20.0		89.0	70-130	9.63	25
cis-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91.0	70-130	0.551	25
trans-1,3-Dichloropropene	13.9	QC2	µg/kg wet		20.0		69.5	70-130	0.722	25
Ethylbenzene	20.2		µg/kg wet		20.0		101	70-130	8.53	25
Hexachlorobutadiene	20.8		µg/kg wet		20.0		104	70-137	9.17	50
2-Hexanone (MBK)	15.5		µg/kg wet		20.0		77.5	70-130	0.643	25
Isopropylbenzene	19.5		µg/kg wet		20.0		97.5	70-130	6.45	25
4-Isopropyltoluene	19.4		µg/kg wet		20.0		97.0	70-130	8.87	25
Methyl tert-butyl ether	21.6		µg/kg wet		20.0		108	70-130	2.74	25
4-Methyl-2-pentanone (MIBK)	17.4		µg/kg wet		20.0		87.0	48.5-127	0.00	50
Methylene chloride	17.6		µg/kg wet		20.0		88.0	70-130	4.44	25
Naphthalene	19.9		µg/kg wet		20.0		99.5	70-130	6.33	25
n-Propylbenzene	18.8		µg/kg wet		20.0		94.0	70-130	8.16	25
Styrene	20.7		µg/kg wet		20.0		104	70-130	5.61	25
1,1,1,2-Tetrachloroethane	16.4		µg/kg wet		20.0		82.0	70-130	1.23	25
1,1,2,2-Tetrachloroethane	19.4		µg/kg wet		20.0		97.0	70-130	1.03	25
Tetrachloroethene	20.8		µg/kg wet		20.0		104	70-130	7.41	25
Toluene	19.7		µg/kg wet		20.0		98.5	70-130	7.33	25
1,2,3-Trichlorobenzene	21.3		µg/kg wet		20.0		106	70-130	7.27	25
1,2,4-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	7.48	25
1,1,1-Trichloroethane	15.9		µg/kg wet		20.0		79.5	70-130	2.48	25
1,1,2-Trichloroethane	20.5		µg/kg wet		20.0		102	70-130	2.90	25
Trichloroethene	19.6		µg/kg wet		20.0		98.0	70-130	5.94	25
Trichlorofluoromethane (Freon 11)	16.8		µg/kg wet		20.0		84.0	66.5-144	9.63	50
1,2,3-Trichloropropane	21.9		µg/kg wet		20.0		110	70-130	0.905	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011235 - SW846 5030 Soil (high level)										
LCS Dup (7011235-BSD1)										
Prepared & Analyzed: 19-Jan-07										
1,2,4-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130	6.57	25
1,3,5-Trimethylbenzene	20.3		µg/kg wet		20.0		102	70-130	5.71	25
Vinyl chloride	19.9		µg/kg wet		20.0		99.5	70-130	8.19	25
m,p-Xylene	42.6		µg/kg wet		40.0		106	70-130	7.27	25
o-Xylene	22.7		µg/kg wet		20.0		114	70-130	5.13	25
Tetrahydrofuran	17.8		µg/kg wet		20.0		89.0	70-130	0.563	25
Ethyl ether	19.4		µg/kg wet		20.0		97.0	64.9-123	5.03	50
Tert-amyl methyl ether	15.2		µg/kg wet		20.0		76.0	70-130	1.95	25
Ethyl tert-butyl ether	22.5		µg/kg wet		20.0		112	70-130	3.51	25
Di-isopropyl ether	18.2		µg/kg wet		20.0		91.0	70-130	4.30	25
Tert-Butanol / butyl alcohol	169		µg/kg wet		200		84.5	70-130	2.34	25
1,4-Dioxane	179		µg/kg wet		200		89.5	40-134	10.1	25
Surrogate: 4-Bromofluorobenzene	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*51.3*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*42.8*		µg/kg wet		*50.0*		*85.6*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/kg wet		*50.0*		*99.2*	*70-130*		
Matrix Spike (7011235-MS1) **Source: SA56849-03**										
Prepared & Analyzed: 19-Jan-07										
Benzene	18.8		µg/kg dry		20.0	BRL	94.0	70-130		
Chlorobenzene	21.1		µg/kg dry		20.0	BRL	106	70-130		
1,1-Dichloroethene	20.4		µg/kg dry		20.0	BRL	102	70-130		
Toluene	19.5		µg/kg dry		20.0	BRL	97.5	70-130		
Trichloroethene	19.6		µg/kg dry		20.0	BRL	98.0	70-130		
Surrogate: 4-Bromofluorobenzene	*52.9*		µg/kg dry		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*51.7*		µg/kg dry		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.0*		µg/kg dry		*50.0*		*86.0*	*70-130*		
Surrogate: Dibromofluoromethane	*48.5*		µg/kg dry		*50.0*		*97.0*	*70-130*		
Matrix Spike Dup (7011235-MSD1) **Source: SA56849-03**										
Prepared & Analyzed: 19-Jan-07										
Benzene	18.8		µg/kg dry		20.0	BRL	94.0	70-130	0.00	30
Chlorobenzene	21.1		µg/kg dry		20.0	BRL	106	70-130	0.00	30
1,1-Dichloroethene	20.3		µg/kg dry		20.0	BRL	102	70-130	0.00	30
Toluene	19.5		µg/kg dry		20.0	BRL	97.5	70-130	0.00	30
Trichloroethene	19.9		µg/kg dry		20.0	BRL	99.5	70-130	1.52	30
Surrogate: 4-Bromofluorobenzene	*51.7*		µg/kg dry		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*51.7*		µg/kg dry		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.0*		µg/kg dry		*50.0*		*86.0*	*70-130*		
Surrogate: Dibromofluoromethane	*48.9*		µg/kg dry		*50.0*		*97.8*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7010942 - SW846 3545A										
Blank (7010942-BLK1)										
Prepared & Analyzed: 16-Jan-07										
PCB 1016	BRL	U	µg/kg wet	28.6						
PCB 1221	BRL	U	µg/kg wet	28.6						
PCB 1232	BRL	U	µg/kg wet	28.6						
PCB 1242	BRL	U	µg/kg wet	28.6						
PCB 1248	BRL	U	µg/kg wet	28.6						
PCB 1254	BRL	U	µg/kg wet	28.6						
PCB 1260	BRL	U	µg/kg wet	28.6						
PCB 1262	BRL	U	µg/kg wet	28.6						
PCB 1268	BRL	U	µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*74.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*94.8*	*30-150*		
LCS (7010942-BS1)										
Prepared & Analyzed: 16-Jan-07										
PCB 1016	397		µg/kg wet	28.6	357		111	40-140		
PCB 1260	404		µg/kg wet	28.6	357		113	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*74.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
LCS Dup (7010942-BSD1)										
Prepared & Analyzed: 16-Jan-07										
PCB 1016	396		µg/kg wet	28.6	357		111	40-140	0.00	30
PCB 1260	369		µg/kg wet	28.6	357		103	40-140	9.26	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*74.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*94.8*	*30-150*		
Duplicate (7010942-DUP1) **Source: SA56857-08**										
Prepared & Analyzed: 16-Jan-07										
PCB 1016	BRL	U	µg/kg dry	29.4		BRL				40
PCB 1221	BRL	U	µg/kg dry	29.4		BRL				40
PCB 1232	BRL	U	µg/kg dry	29.4		BRL				40
PCB 1242	BRL	U	µg/kg dry	29.4		BRL				40
PCB 1248	BRL	U	µg/kg dry	29.4		BRL				40
PCB 1254	BRL	U	µg/kg dry	29.4		BRL				40
PCB 1260	BRL	U	µg/kg dry	29.4		BRL				40
PCB 1262	BRL	U	µg/kg dry	29.4		BRL				40
PCB 1268	BRL	U	µg/kg dry	29.4		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.0*		µg/kg dry		*29.4*		*74.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.5*		µg/kg dry		*29.4*		*79.9*	*30-150*		
Matrix Spike (7010942-MS1) **Source: SA56915-09**										
Prepared & Analyzed: 16-Jan-07										
PCB 1016	403		µg/kg dry	30.5	381	BRL	106	40-140		
PCB 1260	418		µg/kg dry	30.5	381	BRL	110	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.9*		µg/kg dry		*30.5*		*75.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.5*		µg/kg dry		*30.5*		*100*	*30-150*		
Matrix Spike Dup (7010942-MSD1) **Source: SA56915-09**										
Prepared & Analyzed: 16-Jan-07										
PCB 1016	430		µg/kg dry	30.8	385	BRL	112	40-140	5.50	50
PCB 1260	451		µg/kg dry	30.8	385	BRL	117	40-140	6.17	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.1*		µg/kg dry		*30.8*		*75.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*33.9*		µg/kg dry		*30.8*		*110*	*30-150*		
Batch 7011116 - SW846 3510C										
Blank (7011116-BLK1)										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011116 - SW846 3510C										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	BRL	U	µg/l	0.200						
PCB 1221	BRL	U	µg/l	0.200						
PCB 1232	BRL	U	µg/l	0.200						
PCB 1242	BRL	U	µg/l	0.200						
PCB 1248	BRL	U	µg/l	0.200						
PCB 1254	BRL	U	µg/l	0.200						
PCB 1260	BRL	U	µg/l	0.200						
PCB 1262	BRL	U	µg/l	0.200						
PCB 1268	BRL	U	µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		µg/l		*0.200*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.150*		µg/l		*0.200*		*75.0*	*30-150*		
LCS (7011116-BS1)										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	2.15		µg/l	0.200	2.50		86.0	40-140		
PCB 1260	2.08		µg/l	0.200	2.50		83.2	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		µg/l		*0.200*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.160*		µg/l		*0.200*		*80.0*	*30-150*		
LCS Dup (7011116-BSD1)										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	2.14		µg/l	0.200	2.50		85.6	40-140	0.466	20
PCB 1260	2.17		µg/l	0.200	2.50		86.8	40-140	4.24	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		µg/l		*0.200*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.170*		µg/l		*0.200*		*85.0*	*30-150*		
Batch 7011121 - SW846 3545A										
Blank (7011121-BLK1)										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	BRL	U	µg/kg wet	28.6						
PCB 1221	BRL	U	µg/kg wet	28.6						
PCB 1232	BRL	U	µg/kg wet	28.6						
PCB 1242	BRL	U	µg/kg wet	28.6						
PCB 1248	BRL	U	µg/kg wet	28.6						
PCB 1254	BRL	U	µg/kg wet	28.6						
PCB 1260	BRL	U	µg/kg wet	28.6						
PCB 1262	BRL	U	µg/kg wet	28.6						
PCB 1268	BRL	U	µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*69.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*94.8*	*30-150*		
LCS (7011121-BS1)										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	330		µg/kg wet	28.6	357		92.4	40-140		
PCB 1260	330		µg/kg wet	28.6	357		92.4	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*69.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
LCS Dup (7011121-BSD1)										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	343		µg/kg wet	28.6	357		96.1	40-140	3.93	30
PCB 1260	336		µg/kg wet	28.6	357		94.1	40-140	1.82	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*69.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
Duplicate (7011121-DUP1) **Source: SA56915-11**										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	BRL	U	µg/kg dry	31.9		BRL				40

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Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011121 - SW846 3545A										
Duplicate (7011121-DUP1) **Source: SA56915-11**										
Prepared & Analyzed: 18-Jan-07										
PCB 1221	BRL	U	µg/kg dry	31.9		BRL				40
PCB 1232	BRL	U	µg/kg dry	31.9		BRL				40
PCB 1242	BRL	U	µg/kg dry	31.9		BRL				40
PCB 1248	BRL	U	µg/kg dry	31.9		BRL				40
PCB 1254	BRL	U	µg/kg dry	31.9		BRL				40
PCB 1260	BRL	U	µg/kg dry	31.9		BRL				40
PCB 1262	BRL	U	µg/kg dry	31.9		BRL				40
PCB 1268	BRL	U	µg/kg dry	31.9		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.6*		µg/kg dry		*31.9*		*55.2*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.3*		µg/kg dry		*31.9*		*69.9*	*30-150*		
Matrix Spike (7011121-MS1) **Source: SA56915-11**										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	380		µg/kg dry	32.9	411	BRL	92.5	40-140		
PCB 1260	381		µg/kg dry	32.9	411	BRL	92.7	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.0*		µg/kg dry		*32.9*		*69.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*34.5*		µg/kg dry		*32.9*		*105*	*30-150*		
Matrix Spike Dup (7011121-MSD1) **Source: SA56915-11**										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	364		µg/kg dry	33.0	412	BRL	88.3	40-140	4.65	50
PCB 1260	368		µg/kg dry	33.0	412	BRL	89.3	40-140	3.74	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.7*		µg/kg dry		*33.0*		*74.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*36.3*		µg/kg dry		*33.0*		*110*	*30-150*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7010938 - SW846 3550B										
Blank (7010938-BLK1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
Acenaphthene	BRL	U	µg/kg wet	165						
Acenaphthylene	BRL	U	µg/kg wet	165						
Aniline	BRL	U	µg/kg wet	165						
Anthracene	BRL	U	µg/kg wet	165						
Atrazine	BRL	U	µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL	U	µg/kg wet	165						
Benzidine	BRL	U	µg/kg wet	165						
Benzo (a) anthracene	BRL	U	µg/kg wet	165						
Benzo (a) pyrene	BRL	U	µg/kg wet	165						
Benzo (b) fluoranthene	BRL	U	µg/kg wet	165						
Benzo (g,h,i) perylene	BRL	U	µg/kg wet	165						
Benzo (k) fluoranthene	BRL	U	µg/kg wet	165						
Benzoic acid	BRL	U	µg/kg wet	165						
Benzyl alcohol	BRL	U	µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL	U	µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL	U	µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL	U	µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL	U	µg/kg wet	165						
Butyl benzyl phthalate	BRL	U	µg/kg wet	165						
Carbazole	BRL	U	µg/kg wet	165						
4-Chloro-3-methylphenol	BRL	U	µg/kg wet	165						
4-Chloroaniline	BRL	U	µg/kg wet	165						
2-Chloronaphthalene	BRL	U	µg/kg wet	165						
2-Chlorophenol	BRL	U	µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL	U	µg/kg wet	165						
Chrysene	BRL	U	µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL	U	µg/kg wet	165						
Dibenzofuran	BRL	U	µg/kg wet	165						
1,2-Dichlorobenzene	BRL	U	µg/kg wet	165						
1,3-Dichlorobenzene	BRL	U	µg/kg wet	165						
1,4-Dichlorobenzene	BRL	U	µg/kg wet	165						
3,3´-Dichlorobenzidine	BRL	U	µg/kg wet	165						
2,4-Dichlorophenol	BRL	U	µg/kg wet	165						
Diethyl phthalate	BRL	U	µg/kg wet	165						
Dimethyl phthalate	BRL	U	µg/kg wet	165						
2,4-Dimethylphenol	BRL	U	µg/kg wet	165						
Di-n-butyl phthalate	BRL	U	µg/kg wet	165						
4,6-Dinitro-2-methylphenol	BRL	U	µg/kg wet	165						
2,4-Dinitrophenol	BRL	U	µg/kg wet	165						
2,4-Dinitrotoluene	BRL	U	µg/kg wet	165						
2,6-Dinitrotoluene	BRL	U	µg/kg wet	165						
Di-n-octyl phthalate	BRL	U	µg/kg wet	165						
Fluoranthene	BRL	U	µg/kg wet	165						
Fluorene	BRL	U	µg/kg wet	165						
Hexachlorobenzene	BRL	U	µg/kg wet	165						
Hexachlorobutadiene	BRL	U	µg/kg wet	165						
Hexachlorocyclopentadiene	BRL	U	µg/kg wet	165						
Hexachloroethane	BRL	U	µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg wet	165						
1-Methylnaphthalene	BRL	U	µg/kg wet	165						
Isophorone	BRL	U	µg/kg wet	165						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7010938 - SW846 3550B										
Blank (7010938-BLK1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
2-Methylnaphthalene	BRL	U	µg/kg wet	165						
2-Methylphenol	BRL	U	µg/kg wet	165						
3,4-Methylphenol	BRL	U	µg/kg wet	165						
Naphthalene	BRL	U	µg/kg wet	165						
2-Nitroaniline	BRL	U	µg/kg wet	165						
3-Nitroaniline	BRL	U	µg/kg wet	165						
4-Nitroaniline	BRL	U	µg/kg wet	660						
Nitrobenzene	BRL	U	µg/kg wet	165						
2-Nitrophenol	BRL	U	µg/kg wet	165						
4-Nitrophenol	BRL	U	µg/kg wet	660						
N-Nitrosodimethylamine	BRL	U	µg/kg wet	165						
N-Nitrosodi-n-propylamine	BRL	U	µg/kg wet	165						
N-Nitrosodiphenylamine	BRL	U	µg/kg wet	165						
Pentachlorophenol	BRL	U	µg/kg wet	660						
Phenanthrene	BRL	U	µg/kg wet	165						
Phenol	BRL	U	µg/kg wet	165						
Pyrene	BRL	U	µg/kg wet	165						
Pyridine	BRL	U	µg/kg wet	165						
1,2,4-Trichlorobenzene	BRL	U	µg/kg wet	165						
2,4,5-Trichlorophenol	BRL	U	µg/kg wet	165						
2,4,6-Trichlorophenol	BRL	U	µg/kg wet	165						
Surrogate: 2-Fluorobiphenyl	*2330*		µg/kg wet		*3330*		*70.0*	*30-130*		
Surrogate: 2-Fluorophenol	*2610*		µg/kg wet		*3330*		*78.4*	*15-110*		
Surrogate: Nitrobenzene-d5	*1770*		µg/kg wet		*3330*		*53.2*	*30-130*		
Surrogate: Phenol-d5	*2440*		µg/kg wet		*3330*		*73.3*	*15-110*		
Surrogate: Terphenyl-dl4	*2320*		µg/kg wet		*3330*		*69.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1910*		µg/kg wet		*3330*		*57.4*	*15-110*		
LCS (7010938-BS1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
Acenaphthene	2350		µg/kg wet	165	3330		70.6	40-130		
Acenaphthylene	3620		µg/kg wet	165	3330		109	40-130		
Aniline	2020		µg/kg wet	165	3330		60.7	40-130		
Anthracene	3090		µg/kg wet	165	3330		92.8	40-130		
Atrazine	2450		µg/kg wet	165	3330		73.6	40-130		
Azobenzene/Diphenyldiazine	2030		µg/kg wet	165	3330		61.0	40-130		
Benzidine	BRL	QC2, U	µg/kg wet	165	3330			40-130		
Benzo (a) anthracene	2320		µg/kg wet	165	3330		69.7	40-130		
Benzo (a) pyrene	2460		µg/kg wet	165	3330		73.9	40-130		
Benzo (b) fluoranthene	2020		µg/kg wet	165	3330		60.7	40-130		
Benzo (g,h,i) perylene	1900		µg/kg wet	165	3330		57.1	40-130		
Benzo (k) fluoranthene	2610		µg/kg wet	165	3330		78.4	40-130		
Benzoic acid	1570		µg/kg wet	165	3330		47.1	40-130		
Benzyl alcohol	1980		µg/kg wet	165	3330		59.5	40-130		
Bis(2-chloroethoxy)methane	1760		µg/kg wet	165	3330		52.9	40-130		
Bis(2-chloroethyl)ether	1910		µg/kg wet	165	3330		57.4	40-130		
Bis(2-chloroisopropyl)ether	1770		µg/kg wet	165	3330		53.2	40-130		
Bis(2-ethylhexyl)phthalate	2380		µg/kg wet	165	3330		71.5	40-130		
4-Bromophenyl phenyl ether	2380		µg/kg wet	165	3330		71.5	40-130		
Butyl benzyl phthalate	2470		µg/kg wet	165	3330		74.2	40-130		
Carbazole	3620		µg/kg wet	165	3330		109	40-130		
4-Chloro-3-methylphenol	1760		µg/kg wet	165	3330		52.9	40-130		
4-Chloroaniline	1880		µg/kg wet	165	3330		56.5	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7010938 - SW846 3550B										
LCS (7010938-BS1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
2-Chloronaphthalene	2250		µg/kg wet	165	3330		67.6	40-130		
2-Chlorophenol	2460		µg/kg wet	165	3330		73.9	40-130		
4-Chlorophenyl phenyl ether	2160		µg/kg wet	165	3330		64.9	40-130		
Chrysene	2470		µg/kg wet	165	3330		74.2	40-130		
Dibenzo (a,h) anthracene	2000		µg/kg wet	165	3330		60.1	40-130		
Dibenzofuran	2270		µg/kg wet	165	3330		68.2	40-130		
1,2-Dichlorobenzene	2140		µg/kg wet	165	3330		64.3	40-130		
1,3-Dichlorobenzene	1920		µg/kg wet	165	3330		57.7	40-130		
1,4-Dichlorobenzene	1860		µg/kg wet	165	3330		55.9	40-130		
3,3´-Dichlorobenzidine	2280		µg/kg wet	165	3330		68.5	40-130		
2,4-Dichlorophenol	1830		µg/kg wet	165	3330		55.0	40-130		
Diethyl phthalate	2400		µg/kg wet	165	3330		72.1	40-130		
Dimethyl phthalate	2340		µg/kg wet	165	3330		70.3	40-130		
2,4-Dimethylphenol	1660		µg/kg wet	165	3330		49.8	40-130		
Di-n-butyl phthalate	2470		µg/kg wet	165	3330		74.2	40-130		
4,6-Dinitro-2-methylphenol	1680		µg/kg wet	165	3330		50.5	40-130		
2,4-Dinitrophenol	1390		µg/kg wet	165	3330		41.7	40-130		
2,4-Dinitrotoluene	2310		µg/kg wet	165	3330		69.4	40-130		
2,6-Dinitrotoluene	2480		µg/kg wet	165	3330		74.5	40-130		
Di-n-octyl phthalate	2880		µg/kg wet	165	3330		86.5	40-130		
Fluoranthene	2370		µg/kg wet	165	3330		71.2	40-130		
Fluorene	2380		µg/kg wet	165	3330		71.5	40-130		
Hexachlorobenzene	1980		µg/kg wet	165	3330		59.5	40-130		
Hexachlorobutadiene	1370		µg/kg wet	165	3330		41.1	40-130		
Hexachlorocyclopentadiene	882	QC2	µg/kg wet	165	3330		26.5	40-130		
Hexachloroethane	2060		µg/kg wet	165	3330		61.9	40-130		
Indeno (1,2,3-cd) pyrene	2030		µg/kg wet	165	3330		61.0	40-130		
1-Methylnaphthalene	2490		µg/kg wet	165	3330		74.8	40-140		
Isophorone	1490		µg/kg wet	165	3330		44.7	40-130		
2-Methylnaphthalene	1660		µg/kg wet	165	3330		49.8	40-130		
2-Methylphenol	2160		µg/kg wet	165	3330		64.9	40-130		
3,4-Methylphenol	2420		µg/kg wet	165	3330		72.7	40-130		
Naphthalene	1810		µg/kg wet	165	3330		54.4	40-130		
2-Nitroaniline	2550		µg/kg wet	165	3330		76.6	40-130		
3-Nitroaniline	2470		µg/kg wet	165	3330		74.2	40-130		
4-Nitroaniline	3450		µg/kg wet	660	3330		104	40-130		
Nitrobenzene	1460		µg/kg wet	165	3330		43.8	40-130		
2-Nitrophenol	1870		µg/kg wet	165	3330		56.2	40-130		
4-Nitrophenol	1710		µg/kg wet	660	3330		51.4	40-130		
N-Nitrosodimethylamine	2850		µg/kg wet	165	3330		85.6	40-130		
N-Nitrosodi-n-propylamine	1980		µg/kg wet	165	3330		59.5	40-130		
N-Nitrosodiphenylamine	2760		µg/kg wet	165	3330		82.9	40-130		
Pentachlorophenol	2350		µg/kg wet	660	3330		70.6	40-130		
Phenanthrene	2540		µg/kg wet	165	3330		76.3	40-130		
Phenol	2130		µg/kg wet	165	3330		64.0	40-130		
Pyrene	2440		µg/kg wet	165	3330		73.3	40-130		
Pyridine	1710		µg/kg wet	165	3330		51.4	40-130		
1,2,4-Trichlorobenzene	1560		µg/kg wet	165	3330		46.8	40-130		
2,4,5-Trichlorophenol	2740		µg/kg wet	165	3330		82.3	40-130		
2,4,6-Trichlorophenol	1960		µg/kg wet	165	3330		58.9	40-130		
Surrogate: 2-Fluorobiphenyl	*2590*		µg/kg wet		*3330*		*77.8*	*30-130*		
Surrogate: 2-Fluorophenol	*2420*		µg/kg wet		*3330*		*72.7*	*15-110*		
Surrogate: Nitrobenzene-d5	*1700*		µg/kg wet		*3330*		*51.1*	*30-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7010938 - SW846 3550B										
LCS (7010938-BS1)										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
Surrogate: Phenol-d5	*2230*		µg/kg wet		*3330*		*67.0*	*15-110*		
Surrogate: Terphenyl-dl4	*2520*		µg/kg wet		*3330*		*75.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2560*		µg/kg wet		*3330*		*76.9*	*15-110*		
Duplicate (7010938-DUP1) **Source: SA56857-11**										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
Acenaphthene	BRL	U	µg/kg dry	372		BRL				50
Acenaphthylene	BRL	U	µg/kg dry	372		BRL				50
Aniline	BRL	U	µg/kg dry	372		BRL				50
Anthracene	BRL	U	µg/kg dry	372		BRL				50
Atrazine	BRL	U	µg/kg dry	372		BRL				50
Azobenzene/Diphenyldiazine	BRL	U	µg/kg dry	372		BRL				50
Benzidine	BRL	U	µg/kg dry	372		BRL				50
Benzo (a) anthracene	BRL	U	µg/kg dry	372		BRL				50
Benzo (a) pyrene	BRL	U	µg/kg dry	372		BRL				50
Benzo (b) fluoranthene	BRL	U	µg/kg dry	372		BRL				50
Benzo (g,h,i) perylene	BRL	U	µg/kg dry	372		BRL				50
Benzo (k) fluoranthene	BRL	U	µg/kg dry	372		BRL				50
Benzoic acid	BRL	U	µg/kg dry	372		BRL				50
Benzyl alcohol	BRL	U	µg/kg dry	372		BRL				50
Bis(2-chloroethoxy)methane	BRL	U	µg/kg dry	372		BRL				50
Bis(2-chloroethyl)ether	BRL	U	µg/kg dry	372		BRL				50
Bis(2-chloroisopropyl)ether	BRL	U	µg/kg dry	372		BRL				50
Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg dry	372		BRL				50
4-Bromophenyl phenyl ether	BRL	U	µg/kg dry	372		BRL				50
Butyl benzyl phthalate	BRL	U	µg/kg dry	372		BRL				50
Carbazole	BRL	U	µg/kg dry	372		BRL				50
4-Chloro-3-methylphenol	BRL	U	µg/kg dry	372		BRL				50
4-Chloroaniline	BRL	U	µg/kg dry	372		BRL				50
2-Chloronaphthalene	BRL	U	µg/kg dry	372		BRL				50
2-Chlorophenol	BRL	U	µg/kg dry	372		BRL				50
4-Chlorophenyl phenyl ether	BRL	U	µg/kg dry	372		BRL				50
Chrysene	BRL	U	µg/kg dry	372		BRL				50
Dibenzo (a,h) anthracene	BRL	U	µg/kg dry	372		BRL				50
Dibenzofuran	BRL	U	µg/kg dry	372		BRL				50
1,2-Dichlorobenzene	BRL	U	µg/kg dry	372		BRL				50
1,3-Dichlorobenzene	BRL	U	µg/kg dry	372		BRL				50
1,4-Dichlorobenzene	BRL	U	µg/kg dry	372		BRL				50
3,3´-Dichlorobenzidine	BRL	U	µg/kg dry	372		BRL				50
2,4-Dichlorophenol	BRL	U	µg/kg dry	372		BRL				50
Diethyl phthalate	BRL	U	µg/kg dry	372		BRL				50
Dimethyl phthalate	BRL	U	µg/kg dry	372		BRL				50
2,4-Dimethylphenol	BRL	U	µg/kg dry	372		BRL				50
Di-n-butyl phthalate	BRL	U	µg/kg dry	372		BRL				50
4,6-Dinitro-2-methylphenol	BRL	U	µg/kg dry	372		BRL				50
2,4-Dinitrophenol	BRL	U	µg/kg dry	372		BRL				50
2,4-Dinitrotoluene	BRL	U	µg/kg dry	372		BRL				50
2,6-Dinitrotoluene	BRL	U	µg/kg dry	372		BRL				50
Di-n-octyl phthalate	BRL	U	µg/kg dry	372		BRL				50
Fluoranthene	BRL	U	µg/kg dry	372		BRL				50
Fluorene	BRL	U	µg/kg dry	372		BRL				50
Hexachlorobenzene	BRL	U	µg/kg dry	372		BRL				50
Hexachlorobutadiene	BRL	U	µg/kg dry	372		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7010938 - SW846 3550B										
Duplicate (7010938-DUP1) **Source: SA56857-11**										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
Hexachlorocyclopentadiene	BRL	U	µg/kg dry	372		BRL				50
Hexachloroethane	BRL	U	µg/kg dry	372		BRL				50
Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg dry	372		BRL				50
1-Methylnaphthalene	BRL	U	µg/kg dry	372		BRL				50
Isophorone	BRL	U	µg/kg dry	372		BRL				50
2-Methylnaphthalene	BRL	U	µg/kg dry	372		BRL				50
2-Methylphenol	BRL	U	µg/kg dry	372		BRL				50
3,4-Methylphenol	BRL	U	µg/kg dry	372		BRL				50
Naphthalene	BRL	U	µg/kg dry	372		BRL				50
2-Nitroaniline	BRL	U	µg/kg dry	372		BRL				50
3-Nitroaniline	BRL	U	µg/kg dry	372		BRL				50
4-Nitroaniline	BRL	U	µg/kg dry	1490		BRL				50
Nitrobenzene	BRL	U	µg/kg dry	372		BRL				50
2-Nitrophenol	BRL	U	µg/kg dry	372		BRL				50
4-Nitrophenol	BRL	U	µg/kg dry	1490		BRL				50
N-Nitrosodimethylamine	BRL	U	µg/kg dry	372		BRL				50
N-Nitrosodi-n-propylamine	BRL	U	µg/kg dry	372		BRL				50
N-Nitrosodiphenylamine	BRL	U	µg/kg dry	372		BRL				50
Pentachlorophenol	BRL	U	µg/kg dry	1490		BRL				50
Phenanthrene	BRL	U	µg/kg dry	372		BRL				50
Phenol	BRL	U	µg/kg dry	372		BRL				50
Pyrene	BRL	U	µg/kg dry	372		BRL				50
Pyridine	BRL	U	µg/kg dry	372		BRL				50
1,2,4-Trichlorobenzene	BRL	U	µg/kg dry	372		BRL				50
2,4,5-Trichlorophenol	BRL	U	µg/kg dry	372		BRL				50
2,4,6-Trichlorophenol	BRL	U	µg/kg dry	372		BRL				50
Surrogate: 2-Fluorobiphenyl	*2670*		µg/kg dry		*3760*		*71.0*	*30-130*		
Surrogate: 2-Fluorophenol	*3200*		µg/kg dry		*3760*		*85.1*	*15-110*		
Surrogate: Nitrobenzene-d5	*2490*		µg/kg dry		*3760*		*66.2*	*30-130*		
Surrogate: Phenol-d5	*2790*		µg/kg dry		*3760*		*74.2*	*15-110*		
Surrogate: Terphenyl-dl4	*2730*		µg/kg dry		*3760*		*72.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2180*		µg/kg dry		*3760*		*58.0*	*15-110*		
Matrix Spike (7010938-MS1) **Source: SA56857-11**										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
Acenaphthene	2200		µg/kg dry	186	3750	BRL	58.7	40-140		
4-Chloro-3-methylphenol	4100		µg/kg dry	186	7500	BRL	54.7	30-130		
2-Chlorophenol	4420		µg/kg dry	186	7500	BRL	58.9	30-130		
1,4-Dichlorobenzene	1830		µg/kg dry	186	3750	BRL	48.8	40-140		
2,4-Dinitrotoluene	2130		µg/kg dry	186	3750	BRL	56.8	40-140		
4-Nitrophenol	2360		µg/kg dry	743	7500	BRL	31.5	30-130		
N-Nitrosodi-n-propylamine	1710		µg/kg dry	186	3750	BRL	45.6	40-140		
Pentachlorophenol	3590		µg/kg dry	743	7500	BRL	47.9	30-130		
Phenol	3410		µg/kg dry	186	7500	BRL	45.5	30-130		
Pyrene	2330		µg/kg dry	186	3750	BRL	62.1	40-140		
1,2,4-Trichlorobenzene	1760		µg/kg dry	186	3750	BRL	46.9	40-140		
Surrogate: 2-Fluorobiphenyl	*2480*		µg/kg dry		*3750*		*66.1*	*30-130*		
Surrogate: 2-Fluorophenol	*2310*		µg/kg dry		*3750*		*61.6*	*15-110*		
Surrogate: Nitrobenzene-d5	*1840*		µg/kg dry		*3750*		*49.1*	*30-130*		
Surrogate: Phenol-d5	*2040*		µg/kg dry		*3750*		*54.4*	*15-110*		
Surrogate: Terphenyl-dl4	*2410*		µg/kg dry		*3750*		*64.3*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2220*		µg/kg dry		*3750*		*59.2*	*15-110*		
Matrix Spike Dup (7010938-MSD1) **Source: SA56857-11**										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7010938 - SW846 3550B										
Matrix Spike Dup (7010938-MSD1) Source: SA56857-11										
Prepared: 16-Jan-07 Analyzed: 17-Jan-07										
Acenaphthene	2200		µg/kg dry	187	3780	BRL	58.2	40-140	0.855	30
4-Chloro-3-methylphenol	4140		µg/kg dry	187	7570	BRL	54.7	30-130	0.00	30
2-Chlorophenol	4500		µg/kg dry	187	7570	BRL	59.4	30-130	0.845	30
1,4-Dichlorobenzene	1850		µg/kg dry	187	3780	BRL	48.9	40-140	0.205	30
2,4-Dinitrotoluene	2150		µg/kg dry	187	3780	BRL	56.9	40-140	0.176	30
4-Nitrophenol	2330		µg/kg dry	749	7570	BRL	30.8	30-130	2.25	30
N-Nitrosodi-n-propylamine	1750		µg/kg dry	187	3780	BRL	46.3	40-140	1.52	30
Pentachlorophenol	3720		µg/kg dry	749	7570	BRL	49.1	30-130	2.47	30
Phenol	3500		µg/kg dry	187	7570	BRL	46.2	30-130	1.53	30
Pyrene	2360		µg/kg dry	187	3780	BRL	62.4	40-140	0.482	30
1,2,4-Trichlorobenzene	1770		µg/kg dry	187	3780	BRL	46.8	40-140	0.213	30
Surrogate: 2-Fluorobiphenyl	*2520*		µg/kg dry		*3780*		*66.7*	*30-130*		
Surrogate: 2-Fluorophenol	*2370*		µg/kg dry		*3780*		*62.7*	*15-110*		
Surrogate: Nitrobenzene-d5	*1850*		µg/kg dry		*3780*		*48.9*	*30-130*		
Surrogate: Phenol-d5	*2110*		µg/kg dry		*3780*		*55.8*	*15-110*		
Surrogate: Terphenyl-dl4	*2500*		µg/kg dry		*3780*		*66.1*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2220*		µg/kg dry		*3780*		*58.7*	*15-110*		
Batch 7011028 - SW846 3510C										
Blank (7011028-BLK1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Acenaphthene	BRL	U	µg/l	5.00						
Acenaphthylene	BRL	U	µg/l	5.00						
Aniline	BRL	U	µg/l	5.00						
Anthracene	BRL	U	µg/l	5.00						
Atrazine	BRL	U	µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL	U	µg/l	5.00						
Benzidine	BRL	U	µg/l	5.00						
Benzo (a) anthracene	BRL	U	µg/l	5.00						
Benzo (a) pyrene	BRL	U	µg/l	5.00						
Benzo (b) fluoranthene	BRL	U	µg/l	5.00						
Benzo (g,h,i) perylene	BRL	U	µg/l	5.00						
Benzo (k) fluoranthene	BRL	U	µg/l	5.00						
Benzoic acid	BRL	U	µg/l	5.00						
Benzyl alcohol	BRL	U	µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL	U	µg/l	5.00						
Bis(2-chloroethyl)ether	BRL	U	µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL	U	µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL	U	µg/l	5.00						
4-Bromophenyl phenyl ether	BRL	U	µg/l	5.00						
Butyl benzyl phthalate	BRL	U	µg/l	5.00						
Carbazole	BRL	U	µg/l	5.00						
4-Chloro-3-methylphenol	BRL	U	µg/l	5.00						
4-Chloroaniline	BRL	U	µg/l	5.00						
2-Chloronaphthalene	BRL	U	µg/l	5.00						
2-Chlorophenol	BRL	U	µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL	U	µg/l	5.00						
Chrysene	BRL	U	µg/l	5.00						
Dibenzo (a,h) anthracene	BRL	U	µg/l	5.00						
Dibenzofuran	BRL	U	µg/l	5.00						
1,2-Dichlorobenzene	BRL	U	µg/l	5.00						
1,3-Dichlorobenzene	BRL	U	µg/l	5.00						
1,4-Dichlorobenzene	BRL	U	µg/l	5.00						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011028 - SW846 3510C										
Blank (7011028-BLK1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
3,3´-Dichlorobenzidine	BRL	U	µg/l	5.00						
2,4-Dichlorophenol	BRL	U	µg/l	5.00						
Diethyl phthalate	BRL	U	µg/l	5.00						
Dimethyl phthalate	BRL	U	µg/l	5.00						
2,4-Dimethylphenol	BRL	U	µg/l	5.00						
Di-n-butyl phthalate	BRL	U	µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL	U	µg/l	5.00						
2,4-Dinitrophenol	BRL	U	µg/l	5.00						
2,4-Dinitrotoluene	BRL	U	µg/l	5.00						
2,6-Dinitrotoluene	BRL	U	µg/l	5.00						
Di-n-octyl phthalate	BRL	U	µg/l	5.00						
Fluoranthene	BRL	U	µg/l	5.00						
Fluorene	BRL	U	µg/l	5.00						
Hexachlorobenzene	BRL	U	µg/l	5.00						
Hexachlorobutadiene	BRL	U	µg/l	5.00						
Hexachlorocyclopentadiene	BRL	U	µg/l	5.00						
Hexachloroethane	BRL	U	µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL	U	µg/l	5.00						
Isophorone	BRL	U	µg/l	5.00						
2-Methylnaphthalene	BRL	U	µg/l	5.00						
2-Methylphenol	BRL	U	µg/l	5.00						
3,4-Methylphenol	BRL	U	µg/l	10.0						
Naphthalene	BRL	U	µg/l	5.00						
2-Nitroaniline	BRL	U	µg/l	5.00						
3-Nitroaniline	BRL	U	µg/l	5.00						
4-Nitroaniline	BRL	U	µg/l	20.0						
Nitrobenzene	BRL	U	µg/l	5.00						
2-Nitrophenol	BRL	U	µg/l	5.00						
4-Nitrophenol	BRL	U	µg/l	20.0						
N-Nitrosodimethylamine	BRL	U	µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL	U	µg/l	5.00						
N-Nitrosodiphenylamine	BRL	U	µg/l	5.00						
Pentachlorophenol	BRL	U	µg/l	20.0						
Phenanthrene	BRL	U	µg/l	5.00						
Phenol	BRL	U	µg/l	5.00						
Pyrene	BRL	U	µg/l	5.00						
Pyridine	BRL	U	µg/l	5.00						
1,2,4-Trichlorobenzene	BRL	U	µg/l	5.00						
1-Methylnaphthalene	BRL	U	µg/l	5.00						
2,4,5-Trichlorophenol	BRL	U	µg/l	5.00						
2,4,6-Trichlorophenol	BRL	U	µg/l	5.00						
Surrogate: 2-Fluorobiphenyl	*75.2*		µg/l		*100*		*75.2*	*30-130*		
Surrogate: 2-Fluorophenol	*95.0*		µg/l		*100*		*95.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*86.3*		µg/l		*100*		*86.3*	*30-130*		
Surrogate: Phenol-d5	*86.4*		µg/l		*100*		*86.4*	*15-110*		
Surrogate: Terphenyl-dl4	*86.0*		µg/l		*100*		*86.0*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*79.4*		µg/l		*100*		*79.4*	*15-110*		
LCS (7011028-BS1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Acenaphthene	72.4		µg/l	5.00	100		72.4	40-130		
Acenaphthylene	73.6		µg/l	5.00	100		73.6	40-130		
Aniline	50.3		µg/l	5.00	100		50.3	40-130		
Anthracene	72.9		µg/l	5.00	100		72.9	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011028 - SW846 3510C										
LCS (7011028-BS1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Atrazine	124		µg/l	5.00	100		124	0-200		
Azobenzene/Diphenyldiazine	85.9		µg/l	5.00	100		85.9	40-130		
Benzidine	19.2	QC2	µg/l	5.00	100		19.2	40-130		
Benzo (a) anthracene	81.7		µg/l	5.00	100		81.7	40-130		
Benzo (a) pyrene	80.9		µg/l	5.00	100		80.9	40-130		
Benzo (b) fluoranthene	81.2		µg/l	5.00	100		81.2	40-130		
Benzo (g,h,i) perylene	86.5		µg/l	5.00	100		86.5	40-130		
Benzo (k) fluoranthene	69.6		µg/l	5.00	100		69.6	40-130		
Benzoic acid	42.7		µg/l	5.00	100		42.7	40-130		
Benzyl alcohol	76.0		µg/l	5.00	100		76.0	40-130		
Bis(2-chloroethoxy)methane	80.0		µg/l	5.00	100		80.0	40-130		
Bis(2-chloroethyl)ether	91.2		µg/l	5.00	100		91.2	40-130		
Bis(2-chloroisopropyl)ether	104		µg/l	5.00	100		104	40-130		
Bis(2-ethylhexyl)phthalate	87.4		µg/l	5.00	100		87.4	40-130		
4-Bromophenyl phenyl ether	77.9		µg/l	5.00	100		77.9	40-130		
Butyl benzyl phthalate	88.5		µg/l	5.00	100		88.5	40-130		
Carbazole	85.2		µg/l	5.00	100		85.2	40-130		
4-Chloro-3-methylphenol	87.3		µg/l	5.00	100		87.3	40-130		
4-Chloroaniline	60.4		µg/l	5.00	100		60.4	40-130		
2-Chloronaphthalene	68.0		µg/l	5.00	100		68.0	40-130		
2-Chlorophenol	69.9		µg/l	5.00	100		69.9	40-130		
4-Chlorophenyl phenyl ether	74.4		µg/l	5.00	100		74.4	40-130		
Chrysene	81.7		µg/l	5.00	100		81.7	40-130		
Dibenzo (a,h) anthracene	83.5		µg/l	5.00	100		83.5	40-130		
Dibenzofuran	64.4		µg/l	5.00	100		64.4	40-130		
1,2-Dichlorobenzene	65.8		µg/l	5.00	100		65.8	40-130		
1,3-Dichlorobenzene	65.6		µg/l	5.00	100		65.6	40-130		
1,4-Dichlorobenzene	64.2		µg/l	5.00	100		64.2	40-130		
3,3´-Dichlorobenzidine	76.3		µg/l	5.00	100		76.3	40-130		
2,4-Dichlorophenol	75.6		µg/l	5.00	100		75.6	40-130		
Diethyl phthalate	81.8		µg/l	5.00	100		81.8	40-130		
Dimethyl phthalate	77.3		µg/l	5.00	100		77.3	40-130		
2,4-Dimethylphenol	75.1		µg/l	5.00	100		75.1	40-130		
Di-n-butyl phthalate	74.8		µg/l	5.00	100		74.8	40-130		
4,6-Dinitro-2-methylphenol	83.7		µg/l	5.00	100		83.7	40-130		
2,4-Dinitrophenol	87.7		µg/l	5.00	100		87.7	40-130		
2,4-Dinitrotoluene	81.2		µg/l	5.00	100		81.2	40-130		
2,6-Dinitrotoluene	80.1		µg/l	5.00	100		80.1	40-130		
Di-n-octyl phthalate	83.1		µg/l	5.00	100		83.1	40-130		
Fluoranthene	72.5		µg/l	5.00	100		72.5	40-130		
Fluorene	72.5		µg/l	5.00	100		72.5	40-130		
Hexachlorobenzene	70.2		µg/l	5.00	100		70.2	40-130		
Hexachlorobutadiene	63.9		µg/l	5.00	100		63.9	40-130		
Hexachlorocyclopentadiene	71.5		µg/l	5.00	100		71.5	40-130		
Hexachloroethane	68.4		µg/l	5.00	100		68.4	40-130		
Indeno (1,2,3-cd) pyrene	91.2		µg/l	5.00	100		91.2	40-130		
Isophorone	79.8		µg/l	5.00	100		79.8	40-130		
2-Methylnaphthalene	61.0		µg/l	5.00	100		61.0	40-130		
2-Methylphenol	68.6		µg/l	5.00	100		68.6	40-130		
3,4-Methylphenol	70.6		µg/l	10.0	100		70.6	40-130		
Naphthalene	64.0		µg/l	5.00	100		64.0	40-130		
2-Nitroaniline	87.4		µg/l	5.00	100		87.4	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011028 - SW846 3510C										
LCS (7011028-BS1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
3-Nitroaniline	64.2		µg/l	5.00	100		64.2	40-130		
4-Nitroaniline	79.7		µg/l	20.0	100		79.7	40-130		
Nitrobenzene	74.1		µg/l	5.00	100		74.1	40-130		
2-Nitrophenol	79.2		µg/l	5.00	100		79.2	40-130		
4-Nitrophenol	68.7		µg/l	20.0	100		68.7	40-130		
N-Nitrosodimethylamine	80.3		µg/l	5.00	100		80.3	40-130		
N-Nitrosodi-n-propylamine	43.7		µg/l	5.00	100		43.7	40-130		
N-Nitrosodiphenylamine	79.4		µg/l	5.00	100		79.4	40-130		
Pentachlorophenol	85.5		µg/l	20.0	100		85.5	40-130		
Phenanthrene	77.9		µg/l	5.00	100		77.9	40-130		
Phenol	79.6		µg/l	5.00	100		79.6	40-130		
Pyrene	81.9		µg/l	5.00	100		81.9	40-130		
Pyridine	84.4		µg/l	5.00	100		84.4	40-130		
1,2,4-Trichlorobenzene	65.2		µg/l	5.00	100		65.2	40-130		
1-Methylnaphthalene	71.5		µg/l	5.00	100		71.5	40-140		
2,4,5-Trichlorophenol	79.0		µg/l	5.00	100		79.0	40-130		
2,4,6-Trichlorophenol	68.5		µg/l	5.00	100		68.5	40-130		
Surrogate: 2-Fluorobiphenyl	*77.8*		µg/l		*100*		*77.8*	*30-130*		
Surrogate: 2-Fluorophenol	*82.3*		µg/l		*100*		*82.3*	*15-110*		
Surrogate: Nitrobenzene-d5	*88.8*		µg/l		*100*		*88.8*	*30-130*		
Surrogate: Phenol-d5	*68.5*		µg/l		*100*		*68.5*	*15-110*		
Surrogate: Terphenyl-dl4	*87.6*		µg/l		*100*		*87.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*90.2*		µg/l		*100*		*90.2*	*15-110*		
Batch 7011080 - SW846 3545A										
Blank (7011080-BLK1)										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Acenaphthene	BRL	U	µg/kg wet	165						
Acenaphthylene	BRL	U	µg/kg wet	165						
Aniline	BRL	U	µg/kg wet	165						
Anthracene	BRL	U	µg/kg wet	165						
Atrazine	BRL	U	µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL	U	µg/kg wet	165						
Benzidine	BRL	U	µg/kg wet	165						
Benzo (a) anthracene	BRL	U	µg/kg wet	165						
Benzo (a) pyrene	BRL	U	µg/kg wet	165						
Benzo (b) fluoranthene	BRL	U	µg/kg wet	165						
Benzo (g,h,i) perylene	BRL	U	µg/kg wet	165						
Benzo (k) fluoranthene	BRL	U	µg/kg wet	165						
Benzoic acid	BRL	U	µg/kg wet	165						
Benzyl alcohol	BRL	U	µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL	U	µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL	U	µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL	U	µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL	U	µg/kg wet	165						
Butyl benzyl phthalate	BRL	U	µg/kg wet	165						
Carbazole	BRL	U	µg/kg wet	165						
4-Chloro-3-methylphenol	BRL	U	µg/kg wet	165						
4-Chloroaniline	BRL	U	µg/kg wet	165						
2-Chloronaphthalene	BRL	U	µg/kg wet	165						
2-Chlorophenol	BRL	U	µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL	U	µg/kg wet	165						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011080 - SW846 3545A										
Blank (7011080-BLK1)										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Chrysene	BRL	U	µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL	U	µg/kg wet	165						
Dibenzofuran	BRL	U	µg/kg wet	165						
1,2-Dichlorobenzene	BRL	U	µg/kg wet	165						
1,3-Dichlorobenzene	BRL	U	µg/kg wet	165						
1,4-Dichlorobenzene	BRL	U	µg/kg wet	165						
3,3´-Dichlorobenzidine	BRL	U	µg/kg wet	165						
2,4-Dichlorophenol	BRL	U	µg/kg wet	165						
Diethyl phthalate	BRL	U	µg/kg wet	165						
Dimethyl phthalate	BRL	U	µg/kg wet	165						
2,4-Dimethylphenol	BRL	U	µg/kg wet	165						
Di-n-butyl phthalate	BRL	U	µg/kg wet	165						
4,6-Dinitro-2-methylphenol	BRL	U	µg/kg wet	165						
2,4-Dinitrophenol	BRL	U	µg/kg wet	165						
2,4-Dinitrotoluene	BRL	U	µg/kg wet	165						
2,6-Dinitrotoluene	BRL	U	µg/kg wet	165						
Di-n-octyl phthalate	BRL	U	µg/kg wet	165						
Fluoranthene	BRL	U	µg/kg wet	165						
Fluorene	BRL	U	µg/kg wet	165						
Hexachlorobenzene	BRL	U	µg/kg wet	165						
Hexachlorobutadiene	BRL	U	µg/kg wet	165						
Hexachlorocyclopentadiene	BRL	U	µg/kg wet	165						
Hexachloroethane	BRL	U	µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg wet	165						
Isophorone	BRL	U	µg/kg wet	165						
1-Methylnaphthalene	BRL	U	µg/kg wet	165						
2-Methylnaphthalene	BRL	U	µg/kg wet	165						
2-Methylphenol	BRL	U	µg/kg wet	165						
3,4-Methylphenol	BRL	U	µg/kg wet	165						
Naphthalene	BRL	U	µg/kg wet	165						
2-Nitroaniline	BRL	U	µg/kg wet	165						
3-Nitroaniline	BRL	U	µg/kg wet	165						
4-Nitroaniline	BRL	U	µg/kg wet	660						
Nitrobenzene	BRL	U	µg/kg wet	165						
2-Nitrophenol	BRL	U	µg/kg wet	165						
4-Nitrophenol	BRL	U	µg/kg wet	660						
N-Nitrosodimethylamine	BRL	U	µg/kg wet	165						
N-Nitrosodi-n-propylamine	BRL	U	µg/kg wet	165						
N-Nitrosodiphenylamine	BRL	U	µg/kg wet	165						
Pentachlorophenol	BRL	U	µg/kg wet	660						
Phenanthrene	BRL	U	µg/kg wet	165						
Phenol	BRL	U	µg/kg wet	165						
Pyrene	BRL	U	µg/kg wet	165						
Pyridine	BRL	U	µg/kg wet	165						
1,2,4-Trichlorobenzene	BRL	U	µg/kg wet	165						
2,4,5-Trichlorophenol	BRL	U	µg/kg wet	165						
2,4,6-Trichlorophenol	BRL	U	µg/kg wet	165						
Surrogate: 2-Fluorobiphenyl	*2620*		µg/kg wet		*3330*		*78.7*	*30-130*		
Surrogate: 2-Fluorophenol	*2940*		µg/kg wet		*3330*		*88.3*	*15-110*		
Surrogate: Nitrobenzene-d5	*2230*		µg/kg wet		*3330*		*67.0*	*30-130*		
Surrogate: Phenol-d5	*2870*		µg/kg wet		*3330*		*86.2*	*15-110*		
Surrogate: Terphenyl-dl4	*2560*		µg/kg wet		*3330*		*76.9*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2340*		µg/kg wet		*3330*		*70.3*	*15-110*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011080 - SW846 3545A										
LCS (7011080-BS1)										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Acenaphthene	2480		µg/kg wet	165	3330		74.5	40-130		
Acenaphthylene	3550		µg/kg wet	165	3330		107	40-130		
Aniline	1790		µg/kg wet	165	3330		53.8	40-130		
Anthracene	3000		µg/kg wet	165	3330		90.1	40-130		
Atrazine	2880		µg/kg wet	165	3330		86.5	40-130		
Azobenzene/Diphenyldiazine	2230		µg/kg wet	165	3330		67.0	40-130		
Benzidine	BRL	QC2, U	µg/kg wet	165	3330			40-130		
Benzo (a) anthracene	2500		µg/kg wet	165	3330		75.1	40-130		
Benzo (a) pyrene	2710		µg/kg wet	165	3330		81.4	40-130		
Benzo (b) fluoranthene	2220		µg/kg wet	165	3330		66.7	40-130		
Benzo (g,h,i) perylene	2330		µg/kg wet	165	3330		70.0	40-130		
Benzo (k) fluoranthene	2880		µg/kg wet	165	3330		86.5	40-130		
Benzoic acid	262	QC2	µg/kg wet	165	3330		7.87	40-130		
Benzyl alcohol	2230		µg/kg wet	165	3330		67.0	40-130		
Bis(2-chloroethoxy)methane	2530		µg/kg wet	165	3330		76.0	40-130		
Bis(2-chloroethyl)ether	2530		µg/kg wet	165	3330		76.0	40-130		
Bis(2-chloroisopropyl)ether	1990		µg/kg wet	165	3330		59.8	40-130		
Bis(2-ethylhexyl)phthalate	2690		µg/kg wet	165	3330		80.8	40-130		
4-Bromophenyl phenyl ether	2710		µg/kg wet	165	3330		81.4	40-130		
Butyl benzyl phthalate	2900		µg/kg wet	165	3330		87.1	40-130		
Carbazole	3830		µg/kg wet	165	3330		115	40-130		
4-Chloro-3-methylphenol	2500		µg/kg wet	165	3330		75.1	40-130		
4-Chloroaniline	2380		µg/kg wet	165	3330		71.5	40-130		
2-Chloronaphthalene	2440		µg/kg wet	165	3330		73.3	40-130		
2-Chlorophenol	2720		µg/kg wet	165	3330		81.7	40-130		
4-Chlorophenyl phenyl ether	2350		µg/kg wet	165	3330		70.6	40-130		
Chrysene	2640		µg/kg wet	165	3330		79.3	40-130		
Dibenzo (a,h) anthracene	2310		µg/kg wet	165	3330		69.4	40-130		
Dibenzofuran	2350		µg/kg wet	165	3330		70.6	40-130		
1,2-Dichlorobenzene	2460		µg/kg wet	165	3330		73.9	40-130		
1,3-Dichlorobenzene	2210		µg/kg wet	165	3330		66.4	40-130		
1,4-Dichlorobenzene	2010		µg/kg wet	165	3330		60.4	40-130		
3,3´-Dichlorobenzidine	2340		µg/kg wet	165	3330		70.3	40-130		
2,4-Dichlorophenol	2590		µg/kg wet	165	3330		77.8	40-130		
Diethyl phthalate	2560		µg/kg wet	165	3330		76.9	40-130		
Dimethyl phthalate	2700		µg/kg wet	165	3330		81.1	40-130		
2,4-Dimethylphenol	2370		µg/kg wet	165	3330		71.2	40-130		
Di-n-butyl phthalate	2230		µg/kg wet	165	3330		67.0	40-130		
4,6-Dinitro-2-methylphenol	1870		µg/kg wet	165	3330		56.2	40-130		
2,4-Dinitrophenol	720	QC2	µg/kg wet	165	3330		21.6	40-130		
2,4-Dinitrotoluene	2630		µg/kg wet	165	3330		79.0	40-130		
2,6-Dinitrotoluene	2660		µg/kg wet	165	3330		79.9	40-130		
Di-n-octyl phthalate	3320		µg/kg wet	165	3330		99.7	40-130		
Fluoranthene	2520		µg/kg wet	165	3330		75.7	40-130		
Fluorene	2500		µg/kg wet	165	3330		75.1	40-130		
Hexachlorobenzene	2280		µg/kg wet	165	3330		68.5	40-130		
Hexachlorobutadiene	1920		µg/kg wet	165	3330		57.7	40-130		
Hexachlorocyclopentadiene	1300	QC2	µg/kg wet	165	3330		39.0	40-130		
Hexachloroethane	2270		µg/kg wet	165	3330		68.2	40-130		
Indeno (1,2,3-cd) pyrene	2380		µg/kg wet	165	3330		71.5	40-130		
Isophorone	2160		µg/kg wet	165	3330		64.9	40-130		
1-Methylnaphthalene	2720		µg/kg wet	165	3330		81.7	40-140		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011080 - SW846 3545A										
LCS (7011080-BS1)										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
2-Methylnaphthalene	2310		µg/kg wet	165	3330		69.4	40-130		
2-Methylphenol	2420		µg/kg wet	165	3330		72.7	40-130		
3,4-Methylphenol	2650		µg/kg wet	165	3330		79.6	40-130		
Naphthalene	2260		µg/kg wet	165	3330		67.9	40-130		
2-Nitroaniline	2850		µg/kg wet	165	3330		85.6	40-130		
3-Nitroaniline	2870		µg/kg wet	165	3330		86.2	40-130		
4-Nitroaniline	3610		µg/kg wet	660	3330		108	40-130		
Nitrobenzene	1870		µg/kg wet	165	3330		56.2	40-130		
2-Nitrophenol	2690		µg/kg wet	165	3330		80.8	40-130		
4-Nitrophenol	2040		µg/kg wet	660	3330		61.3	40-130		
N-Nitrosodimethylamine	1900		µg/kg wet	165	3330		57.1	40-130		
N-Nitrosodi-n-propylamine	2260		µg/kg wet	165	3330		67.9	40-130		
N-Nitrosodiphenylamine	3000		µg/kg wet	165	3330		90.1	40-130		
Pentachlorophenol	2370		µg/kg wet	660	3330		71.2	40-130		
Phenanthrene	2480		µg/kg wet	165	3330		74.5	40-130		
Phenol	2430		µg/kg wet	165	3330		73.0	40-130		
Pyrene	2530		µg/kg wet	165	3330		76.0	40-130		
Pyridine	1770		µg/kg wet	165	3330		53.2	40-130		
1,2,4-Trichlorobenzene	2230		µg/kg wet	165	3330		67.0	40-130		
2,4,5-Trichlorophenol	2950		µg/kg wet	165	3330		88.6	40-130		
2,4,6-Trichlorophenol	2210		µg/kg wet	165	3330		66.4	40-130		
Surrogate: 2-Fluorobiphenyl	*2720*		µg/kg wet		*3330*		*81.7*	*30-130*		
Surrogate: 2-Fluorophenol	*2730*		µg/kg wet		*3330*		*82.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*2430*		µg/kg wet		*3330*		*73.0*	*30-130*		
Surrogate: Phenol-d5	*2410*		µg/kg wet		*3330*		*72.4*	*15-110*		
Surrogate: Terphenyl-dl4	*2790*		µg/kg wet		*3330*		*83.8*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2960*		µg/kg wet		*3330*		*88.9*	*15-110*		
Duplicate (7011080-DUP1) **Source: SA56915-09**										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Acenaphthene	BRL	U	µg/kg dry	224		BRL				50
Acenaphthylene	BRL	U	µg/kg dry	224		BRL				50
Aniline	BRL	U	µg/kg dry	224		BRL				50
Anthracene	BRL	U	µg/kg dry	224		BRL				50
Atrazine	BRL	U	µg/kg dry	224		0.00				50
Azobenzene/Diphenyldiazine	BRL	U	µg/kg dry	224		BRL				50
Benzidine	BRL	U	µg/kg dry	224		BRL				50
Benzo (a) anthracene	BRL	U	µg/kg dry	224		BRL				50
Benzo (a) pyrene	BRL	U	µg/kg dry	224		BRL				50
Benzo (b) fluoranthene	BRL	U	µg/kg dry	224		BRL				50
Benzo (g,h,i) perylene	BRL	U	µg/kg dry	224		BRL				50
Benzo (k) fluoranthene	BRL	U	µg/kg dry	224		BRL				50
Benzoic acid	BRL	U	µg/kg dry	224		BRL				50
Benzyl alcohol	BRL	U	µg/kg dry	224		BRL				50
Bis(2-chloroethoxy)methane	BRL	U	µg/kg dry	224		BRL				50
Bis(2-chloroethyl)ether	BRL	U	µg/kg dry	224		BRL				50
Bis(2-chloroisopropyl)ether	BRL	U	µg/kg dry	224		BRL				50
Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg dry	224		BRL				50
4-Bromophenyl phenyl ether	BRL	U	µg/kg dry	224		BRL				50
Butyl benzyl phthalate	BRL	U	µg/kg dry	224		BRL				50
Carbazole	BRL	U	µg/kg dry	224		BRL				50
4-Chloro-3-methylphenol	BRL	U	µg/kg dry	224		BRL				50
4-Chloroaniline	BRL	U	µg/kg dry	224		BRL				50
2-Chloronaphthalene	BRL	U	µg/kg dry	224		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011080 - SW846 3545A										
Duplicate (7011080-DUP1) **Source: SA56915-09**										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
2-Chlorophenol	BRL	U	µg/kg dry	224		BRL				50
4-Chlorophenyl phenyl ether	BRL	U	µg/kg dry	224		BRL				50
Chrysene	BRL	U	µg/kg dry	224		BRL				50
Dibenzo (a,h) anthracene	BRL	U	µg/kg dry	224		BRL				50
Dibenzofuran	BRL	U	µg/kg dry	224		BRL				50
1,2-Dichlorobenzene	BRL	U	µg/kg dry	224		BRL				50
1,3-Dichlorobenzene	BRL	U	µg/kg dry	224		BRL				50
1,4-Dichlorobenzene	BRL	U	µg/kg dry	224		BRL				50
3,3´-Dichlorobenzidine	BRL	U	µg/kg dry	224		BRL				50
2,4-Dichlorophenol	BRL	U	µg/kg dry	224		BRL				50
Diethyl phthalate	BRL	U	µg/kg dry	224		BRL				50
Dimethyl phthalate	BRL	U	µg/kg dry	224		BRL				50
2,4-Dimethylphenol	BRL	U	µg/kg dry	224		BRL				50
Di-n-butyl phthalate	BRL	U	µg/kg dry	224		BRL				50
4,6-Dinitro-2-methylphenol	BRL	U	µg/kg dry	224		BRL				50
2,4-Dinitrophenol	BRL	U	µg/kg dry	224		BRL				50
2,4-Dinitrotoluene	BRL	U	µg/kg dry	224		BRL				50
2,6-Dinitrotoluene	BRL	U	µg/kg dry	224		BRL				50
Di-n-octyl phthalate	BRL	U	µg/kg dry	224		BRL				50
Fluoranthene	BRL	U	µg/kg dry	224		BRL				50
Fluorene	BRL	U	µg/kg dry	224		BRL				50
Hexachlorobenzene	BRL	U	µg/kg dry	224		BRL				50
Hexachlorobutadiene	BRL	U	µg/kg dry	224		BRL				50
Hexachlorocyclopentadiene	BRL	U	µg/kg dry	224		BRL				50
Hexachloroethane	BRL	U	µg/kg dry	224		BRL				50
Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg dry	224		BRL				50
1-Methylnaphthalene	BRL	U	µg/kg dry	224		BRL				50
Isophorone	BRL	U	µg/kg dry	224		BRL				50
2-Methylnaphthalene	BRL	U	µg/kg dry	224		BRL				50
2-Methylphenol	BRL	U	µg/kg dry	224		BRL				50
3,4-Methylphenol	BRL	U	µg/kg dry	224		BRL				50
Naphthalene	BRL	U	µg/kg dry	224		BRL				50
2-Nitroaniline	BRL	U	µg/kg dry	224		BRL				50
3-Nitroaniline	BRL	U	µg/kg dry	224		BRL				50
4-Nitroaniline	BRL	U	µg/kg dry	897		BRL				50
Nitrobenzene	BRL	U	µg/kg dry	224		BRL				50
2-Nitrophenol	BRL	U	µg/kg dry	224		BRL				50
4-Nitrophenol	BRL	U	µg/kg dry	897		BRL				50
N-Nitrosodimethylamine	BRL	U	µg/kg dry	224		BRL				50
N-Nitrosodi-n-propylamine	BRL	U	µg/kg dry	224		BRL				50
N-Nitrosodiphenylamine	BRL	U	µg/kg dry	224		BRL				50
Pentachlorophenol	BRL	U	µg/kg dry	897		BRL				50
Phenanthrene	BRL	U	µg/kg dry	224		BRL				50
Phenol	BRL	U	µg/kg dry	224		BRL				50
Pyrene	BRL	U	µg/kg dry	224		BRL				50
Pyridine	BRL	U	µg/kg dry	224		BRL				50
1,2,4-Trichlorobenzene	BRL	U	µg/kg dry	224		BRL				50
2,4,5-Trichlorophenol	BRL	U	µg/kg dry	224		BRL				50
2,4,6-Trichlorophenol	BRL	U	µg/kg dry	224		BRL				50
Surrogate: 2-Fluorobiphenyl	*1830*		µg/kg dry		*2260*		*81.0*	*30-130*		
Surrogate: 2-Fluorophenol	*1760*		µg/kg dry		*2260*		*77.9*	*15-110*		
Surrogate: Nitrobenzene-d5	*1510*		µg/kg dry		*2260*		*66.8*	*30-130*		
Surrogate: Phenol-d5	*1650*		µg/kg dry		*2260*		*73.0*	*15-110*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011080 - SW846 3545A										
Duplicate (7011080-DUP1) **Source: SA56915-09**										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Surrogate: Terphenyl-dl4	*1950*		µg/kg dry		*2260*		*86.3*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1610*		µg/kg dry		*2260*		*71.2*	*15-110*		
Matrix Spike (7011080-MS1) **Source: SA56915-09**										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Acenaphthene	3060		µg/kg dry	220	4450	BRL	68.8	40-140		
4-Chloro-3-methylphenol	3360		µg/kg dry	220	4450	BRL	75.5	30-130		
2-Chlorophenol	3620		µg/kg dry	220	4450	BRL	81.3	30-130		
1,4-Dichlorobenzene	2480		µg/kg dry	220	4450	BRL	55.7	40-140		
2,4-Dinitrotoluene	3350		µg/kg dry	220	4450	BRL	75.3	40-140		
4-Nitrophenol	2750		µg/kg dry	880	4450	BRL	61.8	30-130		
N-Nitrosodi-n-propylamine	2950		µg/kg dry	220	4450	BRL	66.3	40-140		
Pentachlorophenol	3330		µg/kg dry	880	4450	BRL	74.8	30-130		
Phenol	3290		µg/kg dry	220	4450	BRL	73.9	30-130		
Pyrene	3030		µg/kg dry	220	4450	BRL	68.1	40-140		
1,2,4-Trichlorobenzene	2660		µg/kg dry	220	4450	BRL	59.8	40-140		
Surrogate: 2-Fluorobiphenyl	*3380*		µg/kg dry		*4450*		*76.0*	*30-130*		
Surrogate: 2-Fluorophenol	*3480*		µg/kg dry		*4450*		*78.2*	*15-110*		
Surrogate: Nitrobenzene-d5	*3010*		µg/kg dry		*4450*		*67.6*	*30-130*		
Surrogate: Phenol-d5	*3230*		µg/kg dry		*4450*		*72.6*	*15-110*		
Surrogate: Terphenyl-dl4	*3430*		µg/kg dry		*4450*		*77.1*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3680*		µg/kg dry		*4450*		*82.7*	*15-110*		
Matrix Spike Dup (7011080-MSD1) **Source: SA56915-09**										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Acenaphthene	3140		µg/kg dry	216	4360	BRL	72.0	40-140	4.55	30
4-Chloro-3-methylphenol	3550		µg/kg dry	216	4360	BRL	81.4	30-130	7.52	30
2-Chlorophenol	3800		µg/kg dry	216	4360	BRL	87.2	30-130	7.00	30
1,4-Dichlorobenzene	2520		µg/kg dry	216	4360	BRL	57.8	40-140	3.70	30
2,4-Dinitrotoluene	3570		µg/kg dry	216	4360	BRL	81.9	40-140	8.40	30
4-Nitrophenol	2740		µg/kg dry	864	4360	BRL	62.8	30-130	1.61	30
N-Nitrosodi-n-propylamine	3180		µg/kg dry	216	4360	BRL	72.9	40-140	9.48	30
Pentachlorophenol	3590		µg/kg dry	864	4360	BRL	82.3	30-130	9.55	30
Phenol	3490		µg/kg dry	216	4360	BRL	80.0	30-130	7.93	30
Pyrene	3160		µg/kg dry	216	4360	BRL	72.5	40-140	6.26	30
1,2,4-Trichlorobenzene	2820		µg/kg dry	216	4360	BRL	64.7	40-140	7.87	30
Surrogate: 2-Fluorobiphenyl	*3470*		µg/kg dry		*4360*		*79.6*	*30-130*		
Surrogate: 2-Fluorophenol	*3640*		µg/kg dry		*4360*		*83.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*3160*		µg/kg dry		*4360*		*72.5*	*30-130*		
Surrogate: Phenol-d5	*3380*		µg/kg dry		*4360*		*77.5*	*15-110*		
Surrogate: Terphenyl-dl4	*3600*		µg/kg dry		*4360*		*82.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3820*		µg/kg dry		*4360*		*87.6*	*15-110*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011022 - SW846 3050B										
Blank (7011022-BLK1)										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Vanadium	BRL	U	mg/kg wet	0.486						
Antimony	BRL	U	mg/kg wet	1.46						
Sodium	10.4	QB1	mg/kg wet	4.86						
Manganese	0.112	QB1	mg/kg wet	0.0971						
Iron	1.36	QB1	mg/kg wet	0.486						
Selenium	BRL	U	mg/kg wet	1.46						
Zinc	1.76	J	mg/kg wet	19.4						
Thallium	BRL	U	mg/kg wet	1.46						
Lead	BRL	U	mg/kg wet	0.729						
Potassium	15.2	QB1	mg/kg wet	9.71						
Nickel	BRL	U	mg/kg wet	3.40						
Magnesium	BRL	U	mg/kg wet	2.43						
Aluminum	BRL	U	mg/kg wet	1.46						
Silver	BRL	U	mg/kg wet	0.971						
Cadmium	BRL	U	mg/kg wet	0.243						
Arsenic	BRL	U	mg/kg wet	1.46						
Chromium	BRL	U	mg/kg wet	0.486						
Beryllium	BRL	U	mg/kg wet	0.194						
Copper	BRL	U	mg/kg wet	0.486						
Calcium	14.1	QB1	mg/kg wet	4.86						
Cobalt	BRL	U	mg/kg wet	0.486						
Barium	BRL	U	mg/kg wet	0.486						
LCS (7011022-BS1)										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Sodium	620		mg/kg wet	5.00	625		99.2	85-115		
Iron	125		mg/kg wet	0.500	125		100	85-115		
Antimony	114		mg/kg wet	1.50	125		91.2	85-115		
Zinc	122		mg/kg wet	0.500	125		97.6	85-115		
Magnesium	123		mg/kg wet	2.50	125		98.4	85-115		
Selenium	115		mg/kg wet	1.50	125		92.0	85-115		
Thallium	113		mg/kg wet	1.50	125		90.4	85-115		
Lead	123		mg/kg wet	0.750	125		98.4	85-115		
Nickel	120		mg/kg wet	3.50	125		96.0	85-115		
Manganese	126		mg/kg wet	0.100	125		101	85-115		
Vanadium	126		mg/kg wet	0.500	125		101	85-115		
Potassium	1150		mg/kg wet	10.0	1250		92.0	85-115		
Aluminum	118		mg/kg wet	1.50	125		94.4	85-115		
Silver	31.4	QC1	mg/kg wet	1.00	125		25.1	85-115		
Arsenic	117		mg/kg wet	1.50	125		93.6	85-115		
Cobalt	124		mg/kg wet	0.500	125		99.2	85-115		
Copper	128		mg/kg wet	0.500	125		102	85-115		
Chromium	123		mg/kg wet	0.500	125		98.4	85-115		
Calcium	622		mg/kg wet	5.00	625		99.5	85-115		
Cadmium	119		mg/kg wet	0.250	125		95.2	85-115		
Beryllium	122		mg/kg wet	0.200	125		97.6	85-115		
Barium	127		mg/kg wet	0.500	125		102	85-115		
Duplicate (7011022-DUP1) **Source: SA56915-02**										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Sodium	256	QR6	mg/kg dry	5.01		208			20.7	20
Nickel	6.40		mg/kg dry	3.51		5.66			12.3	20
Magnesium	1660	QR6	mg/kg dry	2.50		1210			31.4	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011022 - SW846 3050B										
Duplicate (7011022-DUP1) **Source: SA56915-02**										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Manganese	128	QR6	mg/kg dry	0.100		60.8			71.2	20
Zinc	13.8	J	mg/kg dry	20.0		14.1			2.15	20
Iron	5290		mg/kg dry	0.501		4650			12.9	20
Potassium	1020	QR6	mg/kg dry	10.0		802			23.9	20
Thallium	BRL	U	mg/kg dry	1.50		BRL				20
Lead	2.23		mg/kg dry	0.751		2.23			0.00	20
Selenium	BRL	U	mg/kg dry	1.50		BRL				20
Vanadium	9.98		mg/kg dry	0.501		8.86			11.9	20
Antimony	0.496	QR1, J	mg/kg dry	1.50		0.376			27.5	20
Aluminum	3050		mg/kg dry	1.50		2690			12.5	20
Silver	BRL	U	mg/kg dry	1.00		BRL				20
Copper	6.46		mg/kg dry	0.501		6.61			2.30	20
Cobalt	2.48		mg/kg dry	0.501		2.14			14.7	20
Arsenic	1.24	QR1, J	mg/kg dry	1.50		0.899			31.9	20
Calcium	1010	QR6	mg/kg dry	5.01		823			20.4	20
Chromium	7.43	QR6	mg/kg dry	0.501		5.70			26.4	20
Cadmium	BRL	U	mg/kg dry	0.250		BRL				20
Beryllium	0.180	J	mg/kg dry	0.200		0.166			8.09	20
Barium	27.7		mg/kg dry	0.501		30.9			10.9	20
Matrix Spike (7011022-MS1) **Source: SA56915-09**										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Zinc	132		mg/kg dry	0.521	130	16.4	88.9	75-125		
Iron	7460	QM2	mg/kg dry	0.521	130	7500	NR	75-125		
Thallium	107		mg/kg dry	1.56	130	BRL	82.3	75-125		
Manganese	435	QM7	mg/kg dry	0.104	130	364	54.6	75-125		
Antimony	67.0	QM8	mg/kg dry	1.56	130	0.449	51.2	75-125		
Vanadium	139		mg/kg dry	0.521	130	15.4	95.1	75-125		
Potassium	4620	QM7	mg/kg dry	10.4	1300	2260	182	75-125		
Nickel	119		mg/kg dry	3.65	130	10.2	83.7	75-125		
Lead	115		mg/kg dry	0.782	130	2.85	86.3	75-125		
Magnesium	3770	QM4X	mg/kg dry	2.61	130	3290	369	75-125		
Sodium	1210	QM8	mg/kg dry	5.21	651	301	140	75-125		
Selenium	110		mg/kg dry	1.56	130	BRL	84.6	75-125		
Aluminum	10900	QM2	mg/kg dry	1.56	130	5000	NR	75-125		
Silver	57.9	QM8	mg/kg dry	1.04	130	BRL	44.5	75-125		
Cadmium	111		mg/kg dry	0.261	130	BRL	85.4	75-125		
Arsenic	113		mg/kg dry	1.56	130	1.00	86.2	75-125		
Calcium	6260	QM4X	mg/kg dry	5.21	651	5400	132	75-125		
Chromium	131		mg/kg dry	0.521	130	10.2	92.9	75-125		
Copper	137		mg/kg dry	0.521	130	4.00	102	75-125		
Beryllium	114		mg/kg dry	0.208	130	0.254	87.5	75-125		
Cobalt	115		mg/kg dry	0.521	130	3.78	85.6	75-125		
Barium	307		mg/kg dry	0.521	130	167	108	75-125		
Matrix Spike Dup (7011022-MSD1) **Source: SA56915-09**										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Vanadium	123		mg/kg dry	0.476	119	15.4	90.4	75-125	12.2	35
Potassium	3830	QM7	mg/kg dry	9.51	1190	2260	132	75-125	18.7	20
Thallium	97.2		mg/kg dry	1.43	119	BRL	81.7	75-125	9.60	35
Lead	103		mg/kg dry	0.713	119	2.85	84.2	75-125	11.0	35
Nickel	106		mg/kg dry	3.33	119	10.2	80.5	75-125	11.6	35
Iron	6080	QM2	mg/kg dry	0.476	119	7500	NR	75-125	20.4	35

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011022 - SW846 3050B										
Matrix Spike Dup (7011022-MSD1) Source: SA56915-09										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Selenium	99.6		mg/kg dry	1.43	119	BRL	83.7	75-125	9.92	35
Sodium	898		mg/kg dry	4.76	594	301	101	75-125	29.6	35
Antimony	64.1	QM8	mg/kg dry	1.43	119	0.449	53.5	75-125	4.42	35
Zinc	115		mg/kg dry	0.476	119	16.4	82.9	75-125	13.8	35
Magnesium	3550	QM4X	mg/kg dry	2.38	119	3290	218	75-125	6.01	35
Manganese	520	QM7	mg/kg dry	0.0951	119	364	131	75-125	17.8	35
Silver	41.6	QM8	mg/kg dry	0.951	119	BRL	35.0	75-125	32.8	35
Aluminum	8150	QM2	mg/kg dry	1.43	119	5000	NR	75-125	28.9	35
Beryllium	102		mg/kg dry	0.190	119	0.254	85.5	75-125	11.1	35
Chromium	117		mg/kg dry	0.476	119	10.2	89.7	75-125	11.3	35
Arsenic	101		mg/kg dry	1.43	119	1.00	84.0	75-125	11.2	35
Cobalt	103		mg/kg dry	0.476	119	3.78	83.4	75-125	11.0	35
Cadmium	100		mg/kg dry	0.238	119	BRL	84.0	75-125	10.4	35
Copper	117		mg/kg dry	0.476	119	4.00	95.0	75-125	15.7	35
Calcium	6610	QM4X	mg/kg dry	4.76	594	5400	204	75-125	5.44	35
Barium	282		mg/kg dry	0.476	119	167	96.6	75-125	8.49	35
Post Spike (7011022-PS1) Source: SA56915-09										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Nickel	121		mg/kg dry	3.60	128	10.2	86.6	80-120		
Iron	6540	QM2	mg/kg dry	0.514	128	7500	NR	80-120		
Potassium	3110	QC1	mg/kg dry	10.3	1280	2260	66.4	80-120		
Vanadium	137		mg/kg dry	0.514	128	15.4	95.0	80-120		
Zinc	132		mg/kg dry	0.514	128	16.4	90.3	80-120		
Magnesium	2900	QM4X	mg/kg dry	2.57	128	3290	NR	80-120		
Thallium	112		mg/kg dry	1.54	128	BRL	87.5	80-120		
Sodium	838		mg/kg dry	5.14	642	301	83.6	80-120		
Selenium	114		mg/kg dry	1.54	128	BRL	89.1	80-120		
Manganese	421	QC1	mg/kg dry	0.103	128	364	44.5	80-120		
Antimony	110		mg/kg dry	1.54	128	0.449	85.6	80-120		
Lead	119		mg/kg dry	0.771	128	2.85	90.7	80-120		
Silver	109		mg/kg dry	1.03	128	BRL	85.2	80-120		
Aluminum	4490	QM2	mg/kg dry	1.54	128	5000	NR	80-120		
Cobalt	119		mg/kg dry	0.514	128	3.78	90.0	80-120		
Copper	131		mg/kg dry	0.514	128	4.00	99.2	80-120		
Chromium	129		mg/kg dry	0.514	128	10.2	92.8	80-120		
Cadmium	115		mg/kg dry	0.257	128	BRL	89.8	80-120		
Arsenic	117		mg/kg dry	1.54	128	1.00	90.6	80-120		
Calcium	5460	QM4X	mg/kg dry	5.14	642	5400	9.35	80-120		
Beryllium	116		mg/kg dry	0.205	128	0.254	90.4	80-120		
Barium	289		mg/kg dry	0.514	128	167	95.3	80-120		
Reference (7011022-SRM1)										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Vanadium	37.6		mg/kg wet	0.500	41.6		90.4	77.1-122.9		
Magnesium	1240		mg/kg wet	2.50	1310		94.7	78.2-121.8		
Potassium	1610		mg/kg wet	10.0	1740		92.5	73.1-126.6		
Zinc	79.2		mg/kg wet	0.500	88.8		89.2	79.1-120.9		
Iron	5680		mg/kg wet	0.500	6720		84.5	50.2-149.2		
Antimony	14.1		mg/kg wet	1.50	45.3		31.1	0-210.6		
Sodium	263		mg/kg wet	5.00	295		89.2	64.1-135.9		
Manganese	213		mg/kg wet	0.100	227		93.8	81.7-118.3		
Selenium	71.8		mg/kg wet	1.50	80.8		88.9	77.6-122.4		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011022 - SW846 3050B										
Reference (7011022-SRM1)										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Nickel	24.2		mg/kg wet	3.50	27.9		86.7	82-118.4		
Thallium	56.2		mg/kg wet	1.50	66.7		84.3	77.4-122.6		
Lead	58.4		mg/kg wet	0.750	65.2		89.6	81.5-118.5		
Silver	37.7		mg/kg wet	1.00	50.7		74.4	66.2-133.7		
Aluminum	4170		mg/kg wet	1.50	4140		101	61.3-139.2		
Copper	32.1		mg/kg wet	0.500	34.4		93.3	83.2-116.8		
Beryllium	40.3		mg/kg wet	0.200	44.9		89.8	83.1-117.3		
Calcium	1800		mg/kg wet	5.00	1970		91.4	80.6-119.4		
Cobalt	33.2		mg/kg wet	0.500	36.7		90.5	81.8-118.2		
Cadmium	28.8		mg/kg wet	0.250	33.4		86.2	82.1-117.9		
Chromium	31.0		mg/kg wet	0.500	36.6		84.7	79.3-120.8		
Arsenic	57.7		mg/kg wet	1.50	66.2		87.2	80.3-118.9		
Barium	145		mg/kg wet	0.500	160		90.6	82.8-117.2		
Reference (7011022-SRM2)										
Prepared: 17-Jan-07 Analyzed: 19-Jan-07										
Iron	5390		mg/kg wet	0.500	6800		79.3	50.2-149.2		
Potassium	1620		mg/kg wet	10.0	1760		92.0	73.1-126.6		
Lead	59.0		mg/kg wet	0.750	65.9		89.5	81.5-118.5		
Zinc	80.2		mg/kg wet	0.500	89.8		89.3	79.1-120.9		
Thallium	56.0		mg/kg wet	1.50	67.5		83.0	77.4-122.6		
Vanadium	37.6		mg/kg wet	0.500	42.1		89.3	77.1-122.9		
Magnesium	1250		mg/kg wet	2.50	1320		94.7	78.2-121.8		
Manganese	211		mg/kg wet	0.100	230		91.7	81.7-118.3		
Sodium	266		mg/kg wet	5.00	298		89.3	64.1-135.9		
Nickel	24.6		mg/kg wet	3.50	28.2		87.2	82-118.4		
Antimony	12.4		mg/kg wet	1.50	45.8		27.1	0-210.6		
Selenium	71.8		mg/kg wet	1.50	81.7		87.9	77.6-122.4		
Silver	34.3		mg/kg wet	1.00	51.2		67.0	66.2-133.7		
Arsenic	58.0		mg/kg wet	1.50	67.0		86.6	80.3-118.9		
Aluminum	4220		mg/kg wet	1.50	4190		101	61.3-139.2		
Cadmium	28.8		mg/kg wet	0.250	33.7		85.5	82.1-117.9		
Beryllium	41.2		mg/kg wet	0.200	45.4		90.7	83.1-117.3		
Chromium	32.0		mg/kg wet	0.500	37.0		86.5	79.3-120.8		
Copper	32.3		mg/kg wet	0.500	34.8		92.8	83.2-116.8		
Cobalt	34.0		mg/kg wet	0.500	37.1		91.6	81.8-118.2		
Calcium	1830		mg/kg wet	5.00	1990		92.0	80.6-119.4		
Barium	148		mg/kg wet	0.500	162		91.4	82.8-117.2		
Batch 7011023 - EPA200/SW7000 Series										
Blank (7011023-BLK1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Mercury	BRL	U	mg/kg wet	0.0296						
Duplicate (7011023-DUP1) **Source: SA56915-02**										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Mercury	BRL	U	mg/kg dry	0.0324		BRL				20
Matrix Spike (7011023-MS1) **Source: SA56915-09**										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Mercury	0.491		mg/kg dry	0.0322	0.447	BRL	110	75-125		
Matrix Spike Dup (7011023-MSD1) **Source: SA56915-09**										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011023 - EPA200/SW7000 Series										
Matrix Spike Dup (7011023-MSD1) Source: SA56915-09										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Mercury	0.483		mg/kg dry	0.0324	0.450	BRL	107	75-125	1.64	20
Post Spike (7011023-PS1) Source: SA56915-09										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Mercury	0.490		mg/kg dry	0.0326	0.452	BRL	108	85-115		
Reference (7011023-SRM1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Mercury	2.16		mg/kg wet	0.0300	2.09		103	66.1-132.8		
Batch 7011035 - SW846 3005A										
Blank (7011035-BLK1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Sodium	0.651	J	mg/l	1.00						
Nickel	BRL	U	mg/l	0.0050						
Selenium	0.0178	QB2	mg/l	0.0150						
Magnesium	BRL	U	mg/l	0.0250						
Iron	0.0090	J	mg/l	0.0325						
Antimony	0.0220	QB2	mg/l	0.0175						
Lead	BRL	U	mg/l	0.0075						
Zinc	0.0218	J	mg/l	0.0500						
Manganese	BRL	U	mg/l	0.0010						
Potassium	0.195	J	mg/l	0.250						
Thallium	BRL	U	mg/l	0.0100						
Silver	BRL	U	mg/l	0.0050						
Aluminum	0.0210	J	mg/l	0.0400						
Arsenic	BRL	U	mg/l	0.0040						
Calcium	0.0395	J	mg/l	0.0500						
Vanadium	BRL	U	mg/l	0.0050						
Cadmium	0.0002	J	mg/l	0.0025						
Barium	BRL	U	mg/l	0.0050						
Copper	BRL	U	mg/l	0.0050						
Chromium	BRL	U	mg/l	0.0050						
Beryllium	BRL	U	mg/l	0.0020						
Cobalt	BRL	U	mg/l	0.0050						
LCS (7011035-BS1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Antimony	0.468		mg/l	0.0175	0.500		93.6	85-115		
Nickel	0.463		mg/l	0.0050	0.500		92.6	85-115		
Potassium	4.95		mg/l	0.250	5.00		99.0	85-115		
Selenium	0.476		mg/l	0.0150	0.500		95.2	85-115		
Zinc	0.530		mg/l	0.0500	0.500		106	85-115		
Magnesium	0.494		mg/l	0.0250	0.500		98.8	85-115		
Sodium	3.08	QC2	mg/l	1.00	2.50		123	85-115		
Iron	0.492		mg/l	0.0325	0.500		98.4	85-115		
Lead	0.451		mg/l	0.0075	0.500		90.2	85-115		
Thallium	0.442		mg/l	0.0100	0.500		88.4	85-115		
Manganese	0.497		mg/l	0.0010	0.500		99.4	85-115		
Silver	0.449		mg/l	0.0050	0.500		89.8	85-115		
Aluminum	0.488		mg/l	0.0400	0.500		97.6	85-115		
Arsenic	0.466		mg/l	0.0040	0.500		93.2	85-115		
Copper	0.506		mg/l	0.0050	0.500		101	85-115		
Barium	0.524		mg/l	0.0050	0.500		105	85-115		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011035 - SW846 3005A										
LCS (7011035-BS1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Beryllium	0.483		mg/l	0.0020	0.500		96.6	85-115		
Calcium	2.40		mg/l	0.0500	2.50		96.0	85-115		
Vanadium	0.504		mg/l	0.0050	0.500		101	85-115		
Cadmium	0.489		mg/l	0.0025	0.500		97.8	85-115		
Cobalt	0.487		mg/l	0.0050	0.500		97.4	85-115		
Chromium	0.539		mg/l	0.0050	0.500		108	85-115		
LCS Dup (7011035-BSD1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Lead	0.440		mg/l	0.0075	0.500		88.0	85-115	2.47	20
Sodium	2.96	QC2	mg/l	1.00	2.50		118	85-115	3.97	20
Potassium	4.80		mg/l	0.250	5.00		96.0	85-115	3.08	20
Antimony	0.452		mg/l	0.0175	0.500		90.4	85-115	3.48	20
Nickel	0.450		mg/l	0.0050	0.500		90.0	85-115	2.85	20
Manganese	0.485		mg/l	0.0010	0.500		97.0	85-115	2.44	20
Magnesium	0.484		mg/l	0.0250	0.500		96.8	85-115	2.04	20
Selenium	0.463		mg/l	0.0150	0.500		92.6	85-115	2.77	20
Iron	0.485		mg/l	0.0325	0.500		97.0	85-115	1.43	20
Thallium	0.434		mg/l	0.0100	0.500		86.8	85-115	1.83	20
Zinc	0.520		mg/l	0.0500	0.500		104	85-115	1.90	20
Silver	0.442		mg/l	0.0050	0.500		88.4	85-115	1.57	20
Aluminum	0.481		mg/l	0.0400	0.500		96.2	85-115	1.44	20
Arsenic	0.461		mg/l	0.0040	0.500		92.2	85-115	1.08	20
Chromium	0.526		mg/l	0.0050	0.500		105	85-115	2.44	20
Barium	0.511		mg/l	0.0050	0.500		102	85-115	2.51	20
Cadmium	0.477		mg/l	0.0025	0.500		95.4	85-115	2.48	20
Cobalt	0.478		mg/l	0.0050	0.500		95.6	85-115	1.87	20
Calcium	2.32		mg/l	0.0500	2.50		92.8	85-115	3.39	20
Vanadium	0.495		mg/l	0.0050	0.500		99.0	85-115	1.80	20
Beryllium	0.472		mg/l	0.0020	0.500		94.4	85-115	2.30	20
Copper	0.486		mg/l	0.0050	0.500		97.2	85-115	4.03	20
Duplicate (7011035-DUP1) **Source: SA56915-01**										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Nickel	BRL	U	mg/l	0.0050		BRL				20
Sodium	0.849	QR1, J	mg/l	1.00		0.614			32.1	20
Thallium	BRL	U	mg/l	0.0100		BRL				20
Lead	0.0130		mg/l	0.0075		0.0124			4.72	20
Manganese	0.0034	QR1	mg/l	0.0010		0.0012			95.7	20
Magnesium	0.0146	QR1, J	mg/l	0.0250		0.0118			21.2	20
Potassium	0.155	J	mg/l	0.250		0.171			9.82	20
Iron	0.0322	QR1, J	mg/l	0.0325		0.0230			33.3	20
Selenium	BRL	U	mg/l	0.0150		0.0077				20
Antimony	0.0151	J	mg/l	0.0175		0.0156			3.26	20
Zinc	0.0479	J	mg/l	0.0500		0.0464			3.18	20
Silver	BRL	U	mg/l	0.0050		BRL				20
Arsenic	0.0094	QR1	mg/l	0.0040		0.0062			41.0	20
Aluminum	0.0374	QR1, J	mg/l	0.0400		0.0219			52.3	20
Chromium	0.0039	QR1, J	mg/l	0.0050		0.0058			39.2	20
Barium	0.0012	QR1, J	mg/l	0.0050		0.0019			45.2	20
Cadmium	0.0004	QR1, J	mg/l	0.0025		0.0005			22.2	20
Vanadium	0.0024	QR1, J	mg/l	0.0050		0.0010			82.4	20
Calcium	0.309	QR1	mg/l	0.0500		0.233			28.0	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011035 - SW846 3005A										
Duplicate (7011035-DUP1) **Source: SA56915-01**										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Beryllium	BRL	U	mg/l	0.0020		BRL				20
Cobalt	BRL	U	mg/l	0.0050		BRL				20
Copper	BRL	U	mg/l	0.0050		BRL				20
Matrix Spike (7011035-MS1) **Source: SA56915-01**										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Sodium	4.31	QM8	mg/l	1.00	2.50	0.614	148	75-125		
Manganese	0.499		mg/l	0.0010	0.500	0.0012	99.6	75-125		
Antimony	0.454		mg/l	0.0175	0.500	0.0156	87.7	75-125		
Magnesium	0.506		mg/l	0.0250	0.500	0.0118	98.8	75-125		
Thallium	0.443		mg/l	0.0100	0.500	BRL	88.6	75-125		
Zinc	0.558		mg/l	0.0500	0.500	0.0464	102	75-125		
Selenium	0.464		mg/l	0.0150	0.500	0.0077	91.3	75-125		
Lead	0.445		mg/l	0.0075	0.500	0.0124	86.5	75-125		
Iron	0.530		mg/l	0.0325	0.500	0.0230	101	75-125		
Nickel	0.454		mg/l	0.0050	0.500	BRL	90.8	75-125		
Potassium	4.84		mg/l	0.250	5.00	0.171	93.4	75-125		
Silver	0.449		mg/l	0.0050	0.500	BRL	89.8	75-125		
Aluminum	0.485		mg/l	0.0400	0.500	0.0219	92.6	75-125		
Arsenic	0.464		mg/l	0.0040	0.500	0.0062	91.6	75-125		
Vanadium	0.510		mg/l	0.0050	0.500	0.0010	102	70-130		
Beryllium	0.482		mg/l	0.0020	0.500	BRL	96.4	75-125		
Barium	0.526		mg/l	0.0050	0.500	0.0019	105	75-125		
Cobalt	0.487		mg/l	0.0050	0.500	BRL	97.4	75-125		
Calcium	2.72		mg/l	0.0500	2.50	0.233	99.5	75-125		
Copper	0.493		mg/l	0.0050	0.500	BRL	98.6	75-125		
Chromium	0.548		mg/l	0.0050	0.500	0.0058	108	75-125		
Cadmium	0.483		mg/l	0.0025	0.500	0.0005	96.5	75-125		
Post Spike (7011035-PS1) **Source: SA56915-01**										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Selenium	0.455		mg/l	0.0150	0.500	0.0077	89.5	80-120		
Thallium	0.431		mg/l	0.0100	0.500	BRL	86.2	80-120		
Potassium	5.24		mg/l	0.250	5.00	0.171	101	80-120		
Antimony	0.417		mg/l	0.0175	0.500	0.0156	80.3	80-120		
Sodium	3.34		mg/l	1.00	2.50	0.614	109	80-120		
Magnesium	0.498		mg/l	0.0250	0.500	0.0118	97.2	80-120		
Iron	0.529		mg/l	0.0325	0.500	0.0230	101	80-120		
Nickel	0.452		mg/l	0.0050	0.500	BRL	90.4	80-120		
Lead	0.454		mg/l	0.0075	0.500	0.0124	88.3	80-120		
Manganese	0.514		mg/l	0.0010	0.500	0.0012	103	80-120		
Zinc	0.548		mg/l	0.0500	0.500	0.0464	100	80-120		
Silver	0.432		mg/l	0.0050	0.500	BRL	86.4	80-120		
Arsenic	0.435		mg/l	0.0040	0.500	0.0062	85.8	80-120		
Aluminum	0.506		mg/l	0.0400	0.500	0.0219	96.8	80-120		
Copper	0.485		mg/l	0.0050	0.500	BRL	97.0	80-120		
Barium	0.518		mg/l	0.0050	0.500	0.0019	103	80-120		
Cobalt	0.483		mg/l	0.0050	0.500	BRL	96.6	80-120		
Chromium	0.562		mg/l	0.0050	0.500	0.0058	111	80-120		
Cadmium	0.483		mg/l	0.0025	0.500	0.0005	96.5	80-120		
Vanadium	0.522		mg/l	0.0050	0.500	0.0010	104	80-120		
Calcium	2.58		mg/l	0.0500	2.50	0.233	93.9	80-120		
Beryllium	0.461		mg/l	0.0020	0.500	BRL	92.2	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011037 - EPA200/SW7000 Series										
Blank (7011037-BLK1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Mercury	BRL	U	mg/l	0.00020						
LCS (7011037-BS1)										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Mercury	0.00243		mg/l	0.00020	0.00250		97.2	85-115		
Duplicate (7011037-DUP1) **Source: SA56915-01**										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Mercury	BRL	U	mg/l	0.00020		BRL				20
Matrix Spike (7011037-MS1) **Source: SA56915-01**										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Mercury	0.00251		mg/l	0.00020	0.00250	BRL	100	75-125		
Post Spike (7011037-PS1) **Source: SA56915-01**										
Prepared: 17-Jan-07 Analyzed: 18-Jan-07										
Mercury	0.00241		mg/l	0.00020	0.00250	BRL	96.4	85-115		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011076 - General Preparation										
Duplicate (7011076-DUP1) **Source: SA56955-05**										
Prepared & Analyzed: 17-Jan-07										
% Solids	85.1		%			84.5			0.708	20
Batch 7011176 - General Preparation										
Blank (7011176-BLK1)										
Prepared & Analyzed: 18-Jan-07										
Cyanide (total)	BRL	U	mg/l	0.0100						
LCS (7011176-BS1)										
Prepared & Analyzed: 18-Jan-07										
Cyanide (total)	0.326		mg/l	0.0100	0.300		109	90-110		
Matrix Spike (7011176-MS1) **Source: SA56747-20**										
Prepared & Analyzed: 18-Jan-07										
Cyanide (total)	0.325		mg/l	0.0100	0.300	0.00390	107	75-125		
Matrix Spike Dup (7011176-MSD1) **Source: SA56747-20**										
Prepared & Analyzed: 18-Jan-07										
Cyanide (total)	0.324		mg/l	0.0100	0.300	0.00390	107	75-125	0.308	20
Reference (7011176-SRM1)										
Prepared & Analyzed: 18-Jan-07										
Cyanide (total)	0.366		mg/l	0.0100	0.370		98.9	75.1-124.9		
Batch 7011326 - General Preparation										
Blank (7011326-BLK1)										
Prepared & Analyzed: 22-Jan-07										
Cyanide (total)	BRL	U	mg/kg wet	1.00						
LCS (7011326-BS1)										
Prepared & Analyzed: 22-Jan-07										
Cyanide (total)	28.6		mg/kg wet	1.00	30.0		95.3	90-110		
Matrix Spike (7011326-MS1) **Source: SA56915-09**										
Prepared & Analyzed: 22-Jan-07										
Cyanide (total)	32.7		mg/kg dry	1.08	32.5	BRL	101	75-125		
Matrix Spike Dup (7011326-MSD1) **Source: SA56915-09**										
Prepared & Analyzed: 22-Jan-07										
Cyanide (total)	32.5		mg/kg dry	1.05	31.6	BRL	103	75-125	0.613	20
Reference (7011326-SRM1)										
Prepared & Analyzed: 22-Jan-07										
Cyanide (total)	193		mg/kg wet	4.35	240		80.4	40-160		

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
LP	Lab Preserved
O01	This compound is a common laboratory contaminant.
QB1	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
QB2	The method blank contains analyte at a concentration above the MRL, however no reportable concentration is present in the sample.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM2	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM4X	The spike recovery was outside of QC acceptance limits for the MS, MSD and/or PS due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and/or LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
U	Analyte included in the analysis, but not detected
vex1	Lab extracted
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SAS6 95 mg

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: LANGAN ENGINEERING
360 W 31ST ST 8TH FL
NEW YORK NY 10001

Project Mgr.: ERIK MULLER

Invoice To: LANGAN ENGINEERING
SAME

P.O. No.: 5582407-1 RQN: _____

Project No.: 5582407
Site Name: SITE 5582407
Location: MANHATTAN State: NY
Sampler(s): ERIK MULLER

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: TCL VOC 8260	TCL SVOC 8270	PCBs 8080	6 AQUEOUS TAL METALS	CYANIDE 9010
SAS6 95 01	FB-011307	1/13/07	1630	G	DW	-2	3	4			X	X	X	X	X
-02	EPP2-2	1/13/07	1500	G	SO			2			X	X	X	X	X
-03	EPP2-1	1/13/07	1510					2			X	X	X	X	X
-04	EPP2-5	1/13/07	1445					2			X	X	X	X	X
-05	EPP2-3	1/13/07	1520					2			X	X	X	X	X
-06	TB						1				X				
-07	EPP2-4	1/13/07	1425					2			X	X	X	X	X
-08	EPP2-7	1/13/07	1350					2			X	X	X	X	X
-09	EPP2-6	1/13/07	1415					6			X	X	X	X	X
-10	EPP2-8	1/13/07	1330					2			X	X	X	X	X
-11	DUP-011307	1/13/07						2			X	X	X	X	X

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [ ] Provide CT DPH RCP Report

QA/QC Reporting Level
- [ ] Standard [ ] No QC
- [x] Other NYSDEC ASP B

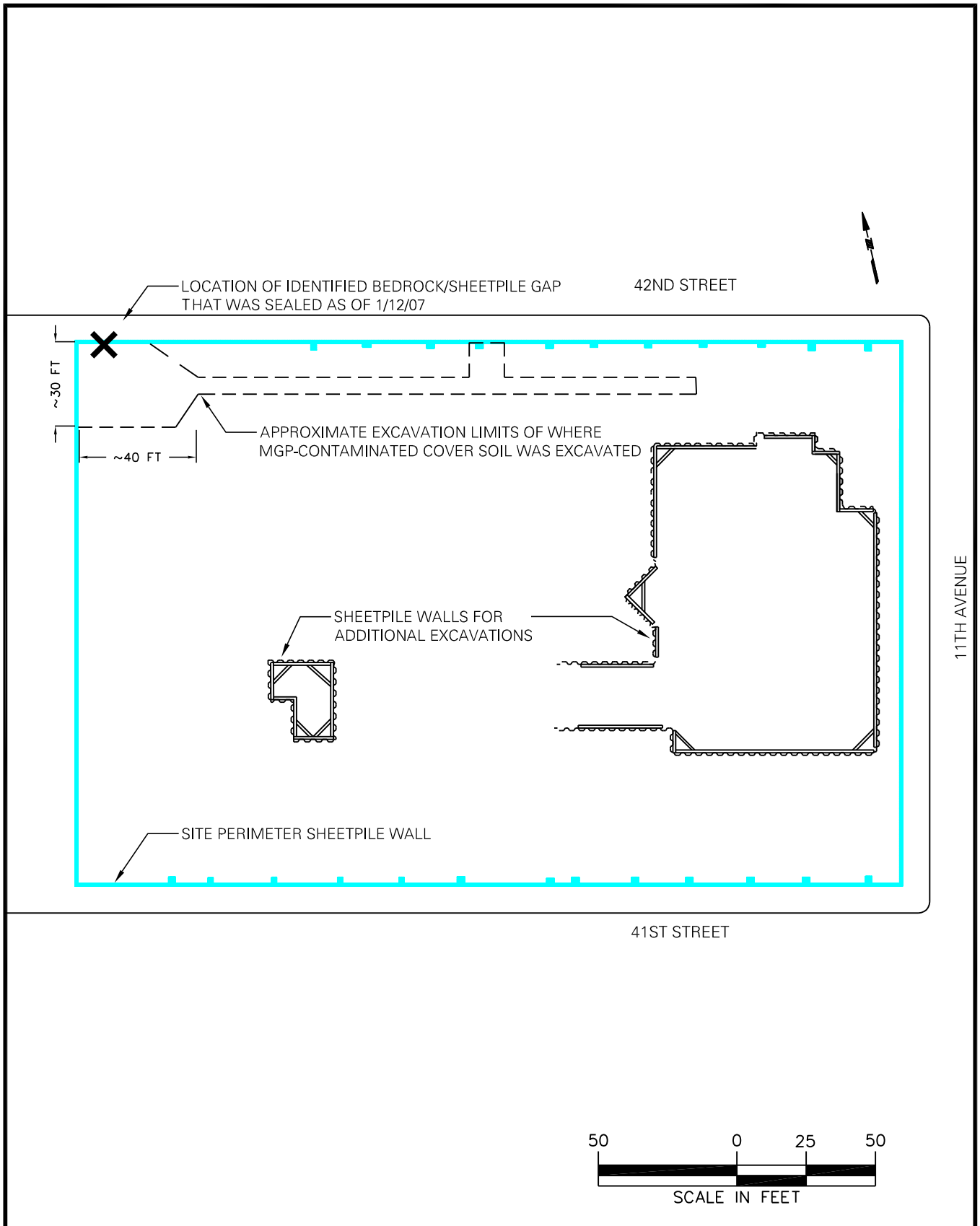
State specific reporting standards:

CN perquerious projects

+MS/MSD

- [ ] Fax results when available to (____) _____
- [x] E-mail to amuller@langan.com
EDD Format LANGAN EXCEL + EQUIS
Condition upon receipt: [x] Iced [ ] Ambient [ ] °C 3

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
EL Muller	1/15/07				
FedEx			E Knowles	1/16/07	1050



50 0 25 50

SCALE IN FEET

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RIVER PLACE II

NW CORNER SEEPAGE REPAIR & IMPACTED SOIL EXCAVATION LIMITS PLAN

MANHATTAN NEW YORK

Project No.	Date	Scale	Dwg. No.
5582407	1/19/07	1"=50'	A

Filename: U:\Data4\5582407\Cadd Data – 5582407\Dwg\Northwest Corner Seepage Repair.dwg Date: 1/23/2007 Time: 10:23 User: emuller Style Table: Langan.stb Layout: NW Corner

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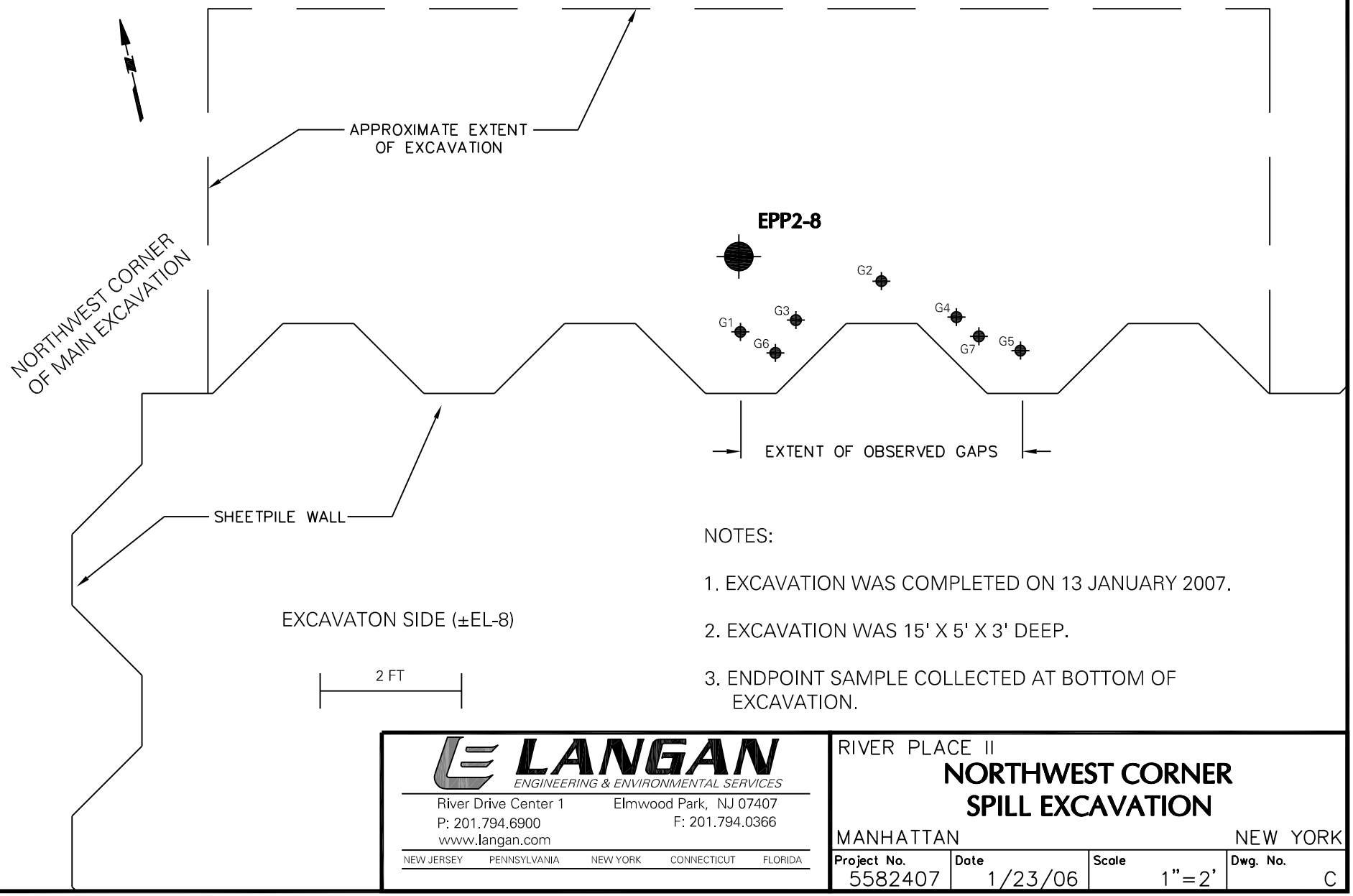
RIVER PLACE II

GROUT INJECTION POINTS LOCATION PLAN

MANHATTAN NEW YORK

Project No.	Date	Scale	Dwg. No.
5582407	1/23/06	1"=2'	B

Filename: U:\Data4\5582407\Cadd Data - 5582407\Dwg\Northwest Corner Seepage Repair.dwg Date: 1/30/2007 Time: 9:50 User: jvukas Style Table: Langan.stb Layout: Grout Locations



NOTES:

1. EXCAVATION WAS COMPLETED ON 13 JANUARY 2007.
2. EXCAVATION WAS 15' X 5' X 3' DEEP.
3. ENDPOINT SAMPLE COLLECTED AT BOTTOM OF EXCAVATION.

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RIVER PLACE II

NORTHWEST CORNER SPILL EXCAVATION

MANHATTAN NEW YORK

Project No.	Date	Scale	Dwg. No.
5582407	1/23/06	1"=2'	C

Filename: U:\Data4\5582407\Cadd Data – 5582407\Dwg\Northwest Corner Spill Excavation.dwg Date: 1/31/2007 Time: 9:43 User: emuller Style Table: Langan.stb Layout: Spill Excavation

Figure 1. Contractor is mixing grout (left side of photo) with the drill rig standing by to redrill the boring if necessary on January 3rd, 2007.

Figure 2. Contractor is drilling additional borings above the seepage area on January 12.

Figure 3. Geotextile barrier used to prevent the grout from running out during the repair work completed on January 12.

Figure 4. Excavating the cover soil that was contaminated by the groundwater seepage on Jan. 16

Figure 5. Contractor is backfilling the excavation on January 16. In the northwest corner itself, the original geotextile fabric was destroyed by the repair activities