SEVERN TRENT STL

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ANALYTICAL REPORT

Langan/AE Polysilicon Site

Lot #: C7E100155

Judd Herr

Langan Engineering & Environme
2700 Kelly Road
Suite 200
Warrington, PA 18976

SEVERN TRENT LABORATORIES, INC.

Kathryn L. Bort
Project Manager

June 4, 2007

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH

NELAC REPORTING:

The format and content of the attached report meets NELAC standards and guidelines except as noted in the narrative. The table below presents a summary of the certifications held by STL Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State Program	Certificate	Program Types	STL Pittsburgh
NFESC	NA	NAVY	X
USACE	NA	Corps of Engineers	X
US Dept of Agriculture	(#S-46425)	Foreign Soil Import Permit	X
Arkansas	(#03-022-1)	WW HW	X X
California – nelac	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – nelac	(#E87660)	WW HW	X X
Illinois – nelac	(#200005)	WW HW	X X
Kansas – nelac	(#E-10350)	WW HW	X X
Louisiana – nelac	(#93200)	WW HW	X X
New Hampshire – nelac	(#203002)	WW --	X --
New Jersey – nelac	(PA-005)	WW HW	X X
New York – nelac	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Ohio Vap	(#CL0063)	WW HW	X X
Pennsylvania - nelac	(#02-00416)	WW HW	X X
South Carolina	(#89014001)	WW HW	X X
Utah – nelac	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

CASE NARRATIVE

Langan

STL Lot # C7E100155

Sample Receiving:
STL Pittsburgh received samples on June 10, 2007. The coolers were received within the proper temperature range.

If project specific QC was not required for samples contained in this report, and batch QC was completed on these samples, anomalous results are discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The following compounds had the %D > 25% in the calibration verification standard CC40516N; but were within expected performance range for these compounds: 2-Butanone –28.1%, 2-Hexanone –28.6%, Acetone 36.0%, Chloroethane –42.8%, Dichlorodifluoromethane –29.3% and Trichlorofluormethane –35.2%.

The method blanks for batches 7136077, 7136651 and 7141249 had methylene chloride detected below the reporting limit but above the MDL. The result was flagged with a "J" qualifier. Any sample associated with this blank that had methylene chloride detected had the result flagged with a "B" qualifier.

GC/MS Semivolatiles:
The reporting limits were adjusted according to the amount of sample extracted.

Samples 001 AETP-13 (1.5-2') and 010 AETP-17 (1.5-2') were analyzed at a dilution due to matrix.

Sample 001 AETP-13 (1.5-2') had surrogate 2,4,6-tribromophenol recover outside of the control limits. This sample was analyzed at a dilution and the recovery was greater than 10%. All results were reported.

All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

GC/MS Semivolatiles SIM:
The reporting limits were adjusted according to the amount of sample extracted.

Due to the concentration of target compounds detected, several samples were analyzed at a dilution.

Samples required both full scan 8270 and SIM analysis. The client elected to do these analyses on a single extract. Samples were spiked with regular 8270 surrogate and matrix spike solutions. The QC establishing extraction performance is reported from the full scan 8270 run. The spike data is above the calibration range for the SIM analysis. These spikes would therefore not be expected to be within range for the SIM analysis and are therefore not reported on the SIM result forms. The injection performance on the SIM run may be monitored through the IS recoveries. The surrogate information is also available for qualitative review in the raw SIM data.

PCBs:
The reporting limits were adjusted according to the amount of sample extracted.

Metals:
Sample 001 AETP-13 (1.5-2') was over the instruments linear range for iron and manganese and required a dilution.

The method blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate, aluminum, calcium, chromium, magnesium, iron, manganese, and lead recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

The matrix spike and matrix spike duplicate recovered outside of the control limits for arsenic, antimony, and zinc.

The matrix spike duplicate recovered outside of the control limits for selenium and vanadium.

CASE NARRATIVE

Langan

STL Lot # C7E100155

Metals (cont):
The relative percent difference between the matrix spike and the matrix spike duplicate was outside of the control limits for vanadium.

General Chemistry:
There were no problems associated with the analysis.

METHODS SUMMARY

C7E100155

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
ICP-MS (6020)	SW846 6020	SW846 3010
ICP-MS (6020)	SW846 6020	SW846 3050B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
PCBs by SW-846 8082	SW846 8082	SW846 3510C
PCBs by SW-846 8082	SW846 8082	SW846 3541
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3541
Total Residue as Percent Solids	MCAWW 160.3 MOD	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Organics by GC/MS	SW846 8260B	SW846 5035
8270C (SIM)	SW846 8270C SIM	SW846 3520C
8270C (SIM)	SW846 8270C SIM	SW846 3541

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C7E100155

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JWMVL	001	001 AETP-13 (1.5-2')	05/09/07	10:15
JWMVM	002	002 AETP-13 (14.5-15')	05/09/07	10:35
JWMVN	003	003 AETP-14 (1.5-2')	05/09/07	11:24
JWMVP	004	004 AETP-14 (14.5-15')	05/09/07	11:50
JWMVQ	005	005 AETP-15 (1.5-2')	05/09/07	12:18
JWMVR	006	006 AETP-15 (14.5-15')	05/09/07	12:40
JWMVW	007	007 DUP-1	05/09/07	
JWMVX	008	008 AETP-16 (1.5-2')	05/09/07	13:15
JWMV0	009	009 AETP-16 (14.5-15')	05/09/07	13:40
JWMV1	010	010 AETP-17 (1.5-2')	05/09/07	14:05
JWMV2	011	011 AETP-17 (14.5-15')	05/09/07	14:20
JWMV3	012	012 FB-1	05/09/07	14:40
JWMV4	013	TB-1	05/09/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

C7E100155

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

PAGE 1 OF 1

Proj. Name: AE Polysilicon 30 Acre Parcel
Site Location: Fairless Hills, PA
Sampled By: Todd Herr
Company: Langan
Proj. No:
Auth. By: Todd H...
Phone No: 215 491-1532

ANALYSIS REQUESTED

Sample Number	Location	Depth	Date	Time	Matrix	Grab Comp.	Inorg/PHC Preserve.	No. of Cont.	TCL VOC's 8260B	SVOC's 8270	PP Metals 6010B	PCB's 8082	PAH 8270SIM						COMMENTS C7E100155
001	AETP-13	1.5-2	5-9-07	1015	Soil	Grab	NONE	5	X	X	X	X	X						
002	AETP-13	14.5-15	5-9-07	1035	Soil	Grab	NONE	5	X	X	X	X	X						
003	AETP-14	1.5-2	5-9-07	1124	Soil	Grab	NONE	5	X	X	X	X	X						
004	AETP-14	14.5-15	5-9-07	1150	Soil	Grab	NONE	5	X	X	X	X	X						
005	AETP-15	1.5-2	5-9-07	1218	Soil	Grab	NONE	5	X	X	X	X	X						
006	AETP-15	14.5-15	5-9-07	1240	Soil	Grab	NONE	5	X	X	X	X	X						
007	Dup-1	—	5-9-07	—	Soil	Grab	NONE	5	X	X	X	X	X						
008	AETP-16	1.5-2	5-9-07	1315	Soil	Grab	NONE	5	X	X	X	X	X						
009	AETP-16	14.5-15	5-9-07	1340	Soil	Grab	NONE	5	X	X	X	X	X						
010	AETP-17	1.5-2	5-9-07	1405	Soil	Grab	NONE	5	X	X	X	X	X						
011	AETP-17	14.5-15	5-9-07	1420	Soil	Grab	NONE	5	X	X	X	X	X						
012	FB-1	—	5-9-07	1440	AQ	—	HCl, NHO3	7	X	X	X	X	X						
013	TB-1	—	5-9-07	—	AQ	—	HCl	2	X										

Metals Filtered (Yes/No)? NA
Total No. of Containers: 64
Aq. VOAs Pres. (Yes/No)? yes
Rush T/A, Report format, Contingent analysis: STANDARD T/A All samples on ICE MSC's.

MUST MEET PADEP STANDARDS &

	Relinquished By:	DATE:	Received By:
(1)	Todd Herr	5/9/07	Franka Sharpe
	Company: LANGAN	TIME: 1515	Company: Severn Trent Lab
(2)	Relinquished By:	DATE:	Received By:
	Company:	TIME:	Company:
(3)	Relinquished By:	DATE:	Received By:
	Company:	TIME:	Company
(4)	Relinquished By:	DATE: 5/10/07	Received By: Patrick R Barnet
	Company:	TIME: 1630	Company STL

Laboratory Name & Address:

Langan Engineering & Environmental Srvcs

Client Sample ID: 001 AETP-13 (1.5-2')

GC/MS Volatiles

Lot-Sample #...: C7E100155-001 **Work Order #...:** JWMVL1AA **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:**
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7136651 **Analysis Time..:** 23:18
Dilution Factor: 1.14
% Moisture.....: 17 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	28	ug/kg
Benzene	ND	6.9	ug/kg
Bromodichloromethane	ND	6.9	ug/kg
Bromoform	ND	6.9	ug/kg
Bromomethane	ND	6.9	ug/kg
2-Butanone	ND	6.9	ug/kg
Carbon disulfide	ND	6.9	ug/kg
Carbon tetrachloride	ND	6.9	ug/kg
Chlorobenzene	ND	6.9	ug/kg
Chloroethane	ND	6.9	ug/kg
Chloroform	ND	6.9	ug/kg
Chloromethane	ND	6.9	ug/kg
Cyclohexane	ND	6.9	ug/kg
Dibromochloromethane	ND	6.9	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.9	ug/kg
1,2-Dibromoethane	ND	6.9	ug/kg
1,3-Dichlorobenzene	ND	6.9	ug/kg
1,4-Dichlorobenzene	ND	6.9	ug/kg
1,2-Dichlorobenzene	ND	6.9	ug/kg
Dichlorodifluoromethane	ND	6.9	ug/kg
1,1-Dichloroethane	ND	6.9	ug/kg
1,2-Dichloroethane	ND	6.9	ug/kg
1,1-Dichloroethene	ND	6.9	ug/kg
cis-1,2-Dichloroethene	ND	6.9	ug/kg
trans-1,2-Dichloroethene	ND	6.9	ug/kg
1,2-Dichloropropane	ND	6.9	ug/kg
cis-1,3-Dichloropropene	ND	6.9	ug/kg
trans-1,3-Dichloropropene	ND	6.9	ug/kg
Ethylbenzene	ND	6.9	ug/kg
2-Hexanone	ND	6.9	ug/kg
Isopropylbenzene	ND	6.9	ug/kg
Methyl acetate	ND	6.9	ug/kg
Methylene chloride	ND	6.9	ug/kg
Methylcyclohexane	ND	6.9	ug/kg
4-Methyl-2-pentanone	ND	6.9	ug/kg
Methyl tert-butyl ether	ND	6.9	ug/kg
Styrene	ND	6.9	ug/kg

(Continued on next page)

Langan Engineering & Environmental Srvcs

Client Sample ID: 001 AETP-13 (1.5-2')

GC/MS Volatiles

Lot-Sample #...: C7E100155-001 **Work Order #...:** JWMVL1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.9	ug/kg
1,2,4-Trichloro-benzene	ND	6.9	ug/kg
Tetrachloroethene	ND	6.9	ug/kg
1,1,1-Trichloroethane	ND	6.9	ug/kg
1,1,2-Trichloroethane	ND	6.9	ug/kg
Trichloroethene	ND	6.9	ug/kg
Trichlorofluoromethane	ND	6.9	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.9	ug/kg
Toluene	ND	6.9	ug/kg
Vinyl chloride	ND	6.9	ug/kg
Xylenes (total)	ND	21	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	86	(52 - 124)
Toluene-d8	94	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	86	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 001 AETP-13 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-001 **Work Order #...:** JWMVL1AC **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134005
Prep Date.....: 05/14/07 **Analysis Date..:** 05/31/07
Prep Batch #...: 7134013 **Analysis Time..:** 10:55
Dilution Factor: 2
% Moisture.....: 17 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	800	ug/kg
Atrazine	ND	800	ug/kg
Benzaldehyde	ND	800	ug/kg
1,1'-Biphenyl	ND	800	ug/kg
bis(2-Chloroethoxy) methane	ND	800	ug/kg
bis(2-Chloroethyl)-ether	ND	800	ug/kg
bis(2-Ethylhexyl) phthalate	ND	800	ug/kg
4-Bromophenyl phenyl ether	ND	800	ug/kg
Butyl benzyl phthalate	ND	800	ug/kg
Caprolactam	ND	800	ug/kg
Carbazole	**180 J**	**800**	**ug/kg**
4-Chloroaniline	ND	800	ug/kg
4-Chloro-3-methylphenol	ND	800	ug/kg
2-Chloronaphthalene	ND	800	ug/kg
2-Chlorophenol	ND	800	ug/kg
4-Chlorophenyl phenyl ether	ND	800	ug/kg
Dibenzofuran	**56 J**	**800**	**ug/kg**
3,3'-Dichlorobenzidine	ND	3900	ug/kg
2,4-Dichlorophenol	ND	800	ug/kg
Diethyl phthalate	ND	800	ug/kg
2,4-Dimethylphenol	ND	800	ug/kg
Dimethyl phthalate	ND	800	ug/kg
Di-n-butyl phthalate	ND	800	ug/kg
4,6-Dinitro-2-methylphenol	ND	3900	ug/kg
2,4-Dinitrophenol	ND	3900	ug/kg
2,4-Dinitrotoluene	ND	800	ug/kg
2,6-Dinitrotoluene	ND	800	ug/kg
Di-n-octyl phthalate	ND	800	ug/kg
Hexachlorobenzene	ND	800	ug/kg
Hexachlorobutadiene	ND	800	ug/kg
Hexachlorocyclopenta-diene	ND	3900	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 001 AETP-13 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-001 **Work Order #...:** JWMVL1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	800	ug/kg
Isophorone	ND	800	ug/kg
2-Methylnaphthalene	ND	800	ug/kg
2-Methylphenol	ND	800	ug/kg
4-Methylphenol	ND	800	ug/kg
2-Nitroaniline	ND	3900	ug/kg
3-Nitroaniline	ND	3900	ug/kg
4-Nitroaniline	ND	3900	ug/kg
Nitrobenzene	ND	800	ug/kg
2-Nitrophenol	ND	800	ug/kg
4-Nitrophenol	ND	3900	ug/kg
N-Nitrosodi-n-propyl-amine	ND	800	ug/kg
N-Nitrosodiphenylamine	ND	800	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	800	ug/kg
Pentachlorophenol	ND	3900	ug/kg
Phenol	ND	800	ug/kg
2,4,5-Trichloro-phenol	ND	800	ug/kg
2,4,6-Trichloro-phenol	ND	800	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	19 *	(21 - 144)
2-Fluorobiphenyl	55	(26 - 128)
2-Fluorophenol	49	(34 - 115)
Nitrobenzene-d5	54	(30 - 118)
Phenol-d5	47	(35 - 117)
Terphenyl-d14	77	(40 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 001 AETP-13 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...:	C7E100155-001	Work Order #...:	JWMVL1AD	Matrix.....:	SOLID
Date Sampled...:	05/09/07	Date Received..:	05/10/07	MS Run #.....:	7134006
Prep Date.....:	05/14/07	Analysis Date..:	05/15/07		
Prep Batch #...:	7134014	Analysis Time..:	03:19		
Dilution Factor:	1				
% Moisture.....:	17	Method.....:	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	56	8.1	ug/kg
Acenaphthylene	17	8.1	ug/kg
Acenaphthene	200	8.1	ug/kg
Fluorene	120	8.1	ug/kg
Phenanthrene	1100 E	8.1	ug/kg
Anthracene	290	8.1	ug/kg
Fluoranthene	1300 E	8.1	ug/kg
Pyrene	1600 E	8.1	ug/kg
Benzo(a)anthracene	1200 E	8.1	ug/kg
Chrysene	1100 E	8.1	ug/kg
Benzo(b)fluoranthene	1200 E	8.1	ug/kg
Benzo(k)fluoranthene	540	8.1	ug/kg
Benzo(a)pyrene	1000 E	8.1	ug/kg
Indeno(1,2,3-cd)pyrene	750	8.1	ug/kg
Dibenzo(a,h)anthracene	230	8.1	ug/kg
Benzo(ghi)perylene	860 E	8.1	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

E Estimated result. Result concentration exceeds the calibration range.

Langan Engineering & Environmental Srvcs

Client Sample ID: 001 AETP-13 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...:	C7E100155-001	Work Order #...:	JWMVL2AD	Matrix.....:	SOLID
Date Sampled...:	05/09/07	Date Received..:	05/10/07	MS Run #.....:	7134006
Prep Date.....:	05/14/07	Analysis Date..:	05/15/07		
Prep Batch #...:	7134014	Analysis Time..:	10:46		
Dilution Factor:	10				
% Moisture.....:	17	Method.....:	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	67 J	81	ug/kg
Acenaphthylene	41 J	81	ug/kg
Acenaphthene	250	81	ug/kg
Fluorene	160	81	ug/kg
Phenanthrene	1600	81	ug/kg
Anthracene	410	81	ug/kg
Fluoranthene	2400	81	ug/kg
Pyrene	2100	81	ug/kg
Benzo(a)anthracene	1500	81	ug/kg
Chrysene	1600	81	ug/kg
Benzo(b)fluoranthene	1800	81	ug/kg
Benzo(k)fluoranthene	780	81	ug/kg
Benzo(a)pyrene	1500	81	ug/kg
Indeno(1,2,3-cd)pyrene	1200	81	ug/kg
Dibenzo(a,h)anthracene	370	81	ug/kg
Benzo(ghi)perylene	1300	81	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 001 AETP-13 (1.5-2')

GC Semivolatiles

Lot-Sample #...:	C7E100155-001	**Work Order #...:**	JWMVL1A8	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7135002
Prep Date.....:	05/15/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7135012	**Analysis Time..:**	16:58		
Dilution Factor:	1				
% Moisture.....:	17	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	ND	20	ug/kg
Aroclor 1254	**33**	**20**	**ug/kg**
Aroclor 1260	ND	20	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(31 - 127)
Decachlorobiphenyl	74	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 001 AETP-13 (1.5-2')

TOTAL Metals

Lot-Sample #...: C7E100155-001 Matrix.....: SOLID
Date Sampled...: 05/09/07 Date Received..: 05/10/07
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136035						
Silver	0.056 B	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AF
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Aluminum	6610	3.6	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AG
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Arsenic	2.0	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AH
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Barium	143	1.2	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AJ
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Beryllium	0.66	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AK
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Calcium	126000	12.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AL
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Cadmium	0.39	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AM
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Cobalt	3.0	0.061	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AN
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Chromium	384	0.24	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AP
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Copper	24.0	0.24	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AQ
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Iron	174000 J	303	mg/kg	SW846 6020	05/16-05/29/07	JWMVL1AR
		Dilution Factor: 50		Analysis Time..: 16:51	MS Run #.....: 7136019	
Potassium	339	12.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AT
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 001 AETP-13 (1.5-2')

TOTAL Metals

Lot-Sample #...: C7E100155-001 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	47700	12.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AU
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Manganese	38700 J	3.0	mg/kg	SW846 6020	05/16-05/29/07	JWMVL1AV
		Dilution Factor: 50		Analysis Time..: 16:51	MS Run #.....: 7136019	
Sodium	661	12.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AW
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Nickel	5.0	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1AX
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Lead	16.5 J	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1A0
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Selenium	2.3	0.61	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1A1
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Thallium	0.0076 B	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1A2
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Antimony	0.067 B	0.24	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1A3
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Vanadium	223	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1A4
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	
Zinc	35.7	0.61	mg/kg	SW846 6020	05/16-05/24/07	JWMVL1A5
		Dilution Factor: 1		Analysis Time..: 20:07	MS Run #.....: 7136019	

Prep Batch #...: 7149227

Mercury	ND	0.040	mg/kg	SW846 7471A	05/29/07	JWMVL1A6
		Dilution Factor: 1		Analysis Time..: 17:15	MS Run #.....: 7149155	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 001 AETP-13 (1.5-2')

General Chemistry

Lot-Sample #...: C7E100155-001 **Work Order #...:** JWMVL **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.6**		**%**	**MCAWW 160.3 MOD**	**05/10-05/11/07**	**7130339**

Dilution Factor: 1 Analysis Time..: 10:10 MS Run #.....: 7130199

Langan Engineering & Environmental Srvcs

Client Sample ID: 002 AETP-13 (14.5-15')

GC/MS Volatiles

Lot-Sample #...: C7E100155-002 **Work Order #...:** JWMVM1AJ **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7136026
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7136077 **Analysis Time..:** 13:19
Dilution Factor: 1.04
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	24	ug/kg
Benzene	ND	6.1	ug/kg
Bromodichloromethane	ND	6.1	ug/kg
Bromoform	ND	6.1	ug/kg
Bromomethane	ND	6.1	ug/kg
2-Butanone	ND	6.1	ug/kg
Carbon disulfide	ND	6.1	ug/kg
Carbon tetrachloride	ND	6.1	ug/kg
Chlorobenzene	ND	6.1	ug/kg
Chloroethane	ND	6.1	ug/kg
Chloroform	ND	6.1	ug/kg
Chloromethane	ND	6.1	ug/kg
Cyclohexane	ND	6.1	ug/kg
Dibromochloromethane	ND	6.1	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.1	ug/kg
1,2-Dibromoethane	ND	6.1	ug/kg
1,3-Dichlorobenzene	ND	6.1	ug/kg
1,4-Dichlorobenzene	ND	6.1	ug/kg
1,2-Dichlorobenzene	ND	6.1	ug/kg
Dichlorodifluoromethane	ND	6.1	ug/kg
1,1-Dichloroethane	ND	6.1	ug/kg
1,2-Dichloroethane	ND	6.1	ug/kg
1,1-Dichloroethene	ND	6.1	ug/kg
cis-1,2-Dichloroethene	ND	6.1	ug/kg
trans-1,2-Dichloroethene	ND	6.1	ug/kg
1,2-Dichloropropane	ND	6.1	ug/kg
cis-1,3-Dichloropropene	ND	6.1	ug/kg
trans-1,3-Dichloropropene	ND	6.1	ug/kg
Ethylbenzene	ND	6.1	ug/kg
2-Hexanone	ND	6.1	ug/kg
Isopropylbenzene	ND	6.1	ug/kg
Methyl acetate	ND	6.1	ug/kg
Methylene chloride	**4.2 J,B**	**6.1**	**ug/kg**
Methylcyclohexane	ND	6.1	ug/kg
4-Methyl-2-pentanone	ND	6.1	ug/kg
Methyl tert-butyl ether	ND	6.1	ug/kg
Styrene	ND	6.1	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 002 AETP-13 (14.5-15')

GC/MS Volatiles

Lot-Sample #...: C7E100155-002 **Work Order #...:** JWMVM1AJ **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg
1,2,4-Trichloro-benzene	ND	6.1	ug/kg
Tetrachloroethene	ND	6.1	ug/kg
1,1,1-Trichloroethane	ND	6.1	ug/kg
1,1,2-Trichloroethane	ND	6.1	ug/kg
Trichloroethene	ND	6.1	ug/kg
Trichlorofluoromethane	ND	6.1	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.1	ug/kg
Toluene	ND	6.1	ug/kg
Vinyl chloride	ND	6.1	ug/kg
Xylenes (total)	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(52 - 124)
Toluene-d8	99	(72 - 127)
4-Bromofluorobenzene	90	(63 - 120)
Dibromofluoromethane	91	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 002 AETP-13 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-002 **Work Order #...:** JWMVM1AK **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134005
Prep Date.....: 05/14/07 **Analysis Date..:** 05/31/07
Prep Batch #...: 7134013 **Analysis Time..:** 11:24
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	390	ug/kg
Atrazine	ND	390	ug/kg
Benzaldehyde	ND	390	ug/kg
1,1'-Biphenyl	ND	390	ug/kg
bis(2-Chloroethoxy) methane	ND	390	ug/kg
bis(2-Chloroethyl)-ether	ND	390	ug/kg
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg
4-Bromophenyl phenyl ether	ND	390	ug/kg
Butyl benzyl phthalate	ND	390	ug/kg
Caprolactam	ND	390	ug/kg
Carbazole	ND	390	ug/kg
4-Chloroaniline	ND	390	ug/kg
4-Chloro-3-methylphenol	ND	390	ug/kg
2-Chloronaphthalene	ND	390	ug/kg
2-Chlorophenol	ND	390	ug/kg
4-Chlorophenyl phenyl ether	ND	390	ug/kg
Dibenzofuran	ND	390	ug/kg
3,3'-Dichlorobenzidine	ND	1900	ug/kg
2,4-Dichlorophenol	ND	390	ug/kg
Diethyl phthalate	ND	390	ug/kg
2,4-Dimethylphenol	ND	390	ug/kg
Dimethyl phthalate	ND	390	ug/kg
Di-n-butyl phthalate	ND	390	ug/kg
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg
2,4-Dinitrophenol	ND	1900	ug/kg
2,4-Dinitrotoluene	ND	390	ug/kg
2,6-Dinitrotoluene	ND	390	ug/kg
Di-n-octyl phthalate	ND	390	ug/kg
Hexachlorobenzene	ND	390	ug/kg
Hexachlorobutadiene	ND	390	ug/kg
Hexachlorocyclopenta-diene	ND	1900	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 002 AETP-13 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-002 **Work Order #...:** JWMVM1AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	390	ug/kg
Isophorone	ND	390	ug/kg
2-Methylnaphthalene	ND	390	ug/kg
2-Methylphenol	ND	390	ug/kg
4-Methylphenol	ND	390	ug/kg
2-Nitroaniline	ND	1900	ug/kg
3-Nitroaniline	ND	1900	ug/kg
4-Nitroaniline	ND	1900	ug/kg
Nitrobenzene	ND	390	ug/kg
2-Nitrophenol	ND	390	ug/kg
4-Nitrophenol	ND	1900	ug/kg
N-Nitrosodi-n-propyl-amine	ND	390	ug/kg
N-Nitrosodiphenylamine	ND	390	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	390	ug/kg
Pentachlorophenol	ND	1900	ug/kg
Phenol	ND	390	ug/kg
2,4,5-Trichloro-phenol	ND	390	ug/kg
2,4,6-Trichloro-phenol	ND	390	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	58	(21 - 144)
2-Fluorobiphenyl	62	(26 - 128)
2-Fluorophenol	62	(34 - 115)
Nitrobenzene-d5	62	(30 - 118)
Phenol-d5	62	(35 - 117)
Terphenyl-d14	98	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 002 AETP-13 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...:	C7E100155-002	**Work Order #...:**	JWMVM1AL	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7134006
Prep Date.....:	05/14/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7134014	**Analysis Time..:**	03:47		
Dilution Factor:	1				
% Moisture.....:	15	**Method.....:**	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	ND	7.8	ug/kg
Acenaphthylene	ND	7.8	ug/kg
Acenaphthene	ND	7.8	ug/kg
Fluorene	ND	7.8	ug/kg
Phenanthrene	**3.6 J**	**7.8**	**ug/kg**
Anthracene	ND	7.8	ug/kg
Fluoranthene	ND	7.8	ug/kg
Pyrene	ND	7.8	ug/kg
Benzo(a)anthracene	ND	7.8	ug/kg
Chrysene	ND	7.8	ug/kg
Benzo(b)fluoranthene	ND	7.8	ug/kg
Benzo(k)fluoranthene	ND	7.8	ug/kg
Benzo(a)pyrene	ND	7.8	ug/kg
Indeno(1,2,3-cd)pyrene	ND	7.8	ug/kg
Dibenzo(a,h)anthracene	ND	7.8	ug/kg
Benzo(ghi)perylene	ND	7.8	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 002 AETP-13 (14.5-15')

GC Semivolatiles

Lot-Sample #...:	C7E100155-002	**Work Order #...:**	JWMVM1A7	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7135002
Prep Date.....:	05/15/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7135012	**Analysis Time..:**	17:21		
Dilution Factor:	1				
% Moisture.....:	15	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	ND	20	ug/kg
Aroclor 1254	ND	20	ug/kg
Aroclor 1260	ND	20	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(31 - 127)
Decachlorobiphenyl	99	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 002 AETP-13 (14.5-15')

TOTAL Metals

Lot-Sample #...: C7E100155-002 Matrix.....: SOLID
Date Sampled...: 05/09/07 Date Received..: 05/10/07
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136035						
Silver	0.011 B	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AN
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Aluminum	5670	3.5	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AP
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Arsenic	2.5	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AQ
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Barium	16.9	1.2	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AR
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Beryllium	0.25	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AT
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Calcium	289	11.8	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AU
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Cadmium	0.081 B	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AV
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Cobalt	4.2	0.059	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AW
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Chromium	6.8	0.24	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AX
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Copper	7.8	0.24	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1A0
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Iron	10600 J	5.9	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1A1
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Potassium	629	11.8	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1A2
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 002 AETP-13 (14.5-15')

TOTAL Metals

Lot-Sample #...: C7E100155-002 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	2110	11.8	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1A3
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Manganese	119 J	0.059	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1A4
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Sodium	38.6	11.8	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1A5
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Nickel	10.7	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1A6
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Lead	4.9 J	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AA
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Selenium	0.25 B	0.59	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AC
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Thallium	0.029 B	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AD
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Antimony	0.056 B	0.24	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AE
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Vanadium	6.4	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AF
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Zinc	25.5	0.59	mg/kg	SW846 6020	05/16-05/24/07	JWMVM1AG
		Dilution Factor: 1		Analysis Time..: 20:23	MS Run #.....: 7136019	
Prep Batch #...: 7149227						
Mercury	0.013 B	0.039	mg/kg	SW846 7471A	05/29/07	JWMVM1AH
		Dilution Factor: 1		Analysis Time..: 17:17	MS Run #.....: 7149155	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 002 AETP-13 (14.5-15')

General Chemistry

Lot-Sample #...: C7E100155-002 **Work Order #...:** JWMVM **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.1**		**%**	**MCAWW 160.3 MOD**	**05/10-05/11/07**	**7130339**

Dilution Factor: 1 Analysis Time..: 10:10 MS Run #.....: 7130199

Langan Engineering & Environmental Srvcs

Client Sample ID: 003 AETP-14 (1.5-2')

GC/MS Volatiles

Lot-Sample #...: C7E100155-003 **Work Order #...:** JWMVN1AJ **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7136026
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7136077 **Analysis Time..:** 13:42
Dilution Factor: 0.89
% Moisture.....: 13 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/kg
Benzene	ND	5.1	ug/kg
Bromodichloromethane	ND	5.1	ug/kg
Bromoform	ND	5.1	ug/kg
Bromomethane	ND	5.1	ug/kg
2-Butanone	ND	5.1	ug/kg
Carbon disulfide	ND	5.1	ug/kg
Carbon tetrachloride	ND	5.1	ug/kg
Chlorobenzene	ND	5.1	ug/kg
Chloroethane	ND	5.1	ug/kg
Chloroform	ND	5.1	ug/kg
Chloromethane	ND	5.1	ug/kg
Cyclohexane	ND	5.1	ug/kg
Dibromochloromethane	ND	5.1	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.1	ug/kg
1,2-Dibromoethane	ND	5.1	ug/kg
1,3-Dichlorobenzene	ND	5.1	ug/kg
1,4-Dichlorobenzene	ND	5.1	ug/kg
1,2-Dichlorobenzene	ND	5.1	ug/kg
Dichlorodifluoromethane	ND	5.1	ug/kg
1,1-Dichloroethane	ND	5.1	ug/kg
1,2-Dichloroethane	ND	5.1	ug/kg
1,1-Dichloroethene	ND	5.1	ug/kg
cis-1,2-Dichloroethene	ND	5.1	ug/kg
trans-1,2-Dichloroethene	ND	5.1	ug/kg
1,2-Dichloropropane	ND	5.1	ug/kg
cis-1,3-Dichloropropene	ND	5.1	ug/kg
trans-1,3-Dichloropropene	ND	5.1	ug/kg
Ethylbenzene	ND	5.1	ug/kg
2-Hexanone	ND	5.1	ug/kg
Isopropylbenzene	ND	5.1	ug/kg
Methyl acetate	ND	5.1	ug/kg
Methylene chloride	**3.2 J,B**	**5.1**	**ug/kg**
Methylcyclohexane	ND	5.1	ug/kg
4-Methyl-2-pentanone	ND	5.1	ug/kg
Methyl tert-butyl ether	ND	5.1	ug/kg
Styrene	ND	5.1	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 003 AETP-14 (1.5-2')

GC/MS Volatiles

Lot-Sample #...: C7E100155-003 **Work Order #...:** JWMVN1AJ **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg
1,2,4-Trichloro-benzene	ND	5.1	ug/kg
Tetrachloroethene	ND	5.1	ug/kg
1,1,1-Trichloroethane	ND	5.1	ug/kg
1,1,2-Trichloroethane	ND	5.1	ug/kg
Trichloroethene	ND	5.1	ug/kg
Trichlorofluoromethane	ND	5.1	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.1	ug/kg
Toluene	ND	5.1	ug/kg
Vinyl chloride	ND	5.1	ug/kg
Xylenes (total)	ND	15	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	80	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	87	(63 - 120)
Dibromofluoromethane	86	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 003 AETP-14 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-003 **Work Order #...:** JWMVN1AK **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134005
Prep Date.....: 05/14/07 **Analysis Date..:** 05/31/07
Prep Batch #...: 7134013 **Analysis Time..:** 11:53
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	380	ug/kg
Atrazine	ND	380	ug/kg
Benzaldehyde	ND	380	ug/kg
1,1'-Biphenyl	ND	380	ug/kg
bis(2-Chloroethoxy) methane	ND	380	ug/kg
bis(2-Chloroethyl)-ether	ND	380	ug/kg
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg
4-Bromophenyl phenyl ether	ND	380	ug/kg
Butyl benzyl phthalate	ND	380	ug/kg
Caprolactam	ND	380	ug/kg
Carbazole	ND	380	ug/kg
4-Chloroaniline	ND	380	ug/kg
4-Chloro-3-methylphenol	ND	380	ug/kg
2-Chloronaphthalene	ND	380	ug/kg
2-Chlorophenol	ND	380	ug/kg
4-Chlorophenyl phenyl ether	ND	380	ug/kg
Dibenzofuran	ND	380	ug/kg
3,3'-Dichlorobenzidine	ND	1800	ug/kg
2,4-Dichlorophenol	ND	380	ug/kg
Diethyl phthalate	ND	380	ug/kg
2,4-Dimethylphenol	ND	380	ug/kg
Dimethyl phthalate	ND	380	ug/kg
Di-n-butyl phthalate	ND	380	ug/kg
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg
2,4-Dinitrophenol	ND	1800	ug/kg
2,4-Dinitrotoluene	ND	380	ug/kg
2,6-Dinitrotoluene	ND	380	ug/kg
Di-n-octyl phthalate	ND	380	ug/kg
Hexachlorobenzene	ND	380	ug/kg
Hexachlorobutadiene	ND	380	ug/kg
Hexachlorocyclopenta-diene	ND	1800	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 003 AETP-14 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-003 **Work Order #...:** JWMVN1AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	380	ug/kg
Isophorone	ND	380	ug/kg
2-Methylnaphthalene	ND	380	ug/kg
2-Methylphenol	ND	380	ug/kg
4-Methylphenol	ND	380	ug/kg
2-Nitroaniline	ND	1800	ug/kg
3-Nitroaniline	ND	1800	ug/kg
4-Nitroaniline	ND	1800	ug/kg
Nitrobenzene	ND	380	ug/kg
2-Nitrophenol	ND	380	ug/kg
4-Nitrophenol	ND	1800	ug/kg
N-Nitrosodi-n-propyl-amine	ND	380	ug/kg
N-Nitrosodiphenylamine	ND	380	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	380	ug/kg
Pentachlorophenol	ND	1800	ug/kg
Phenol	ND	380	ug/kg
2,4,5-Trichloro-phenol	ND	380	ug/kg
2,4,6-Trichloro-phenol	ND	380	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	69	(21 - 144)
2-Fluorobiphenyl	67	(26 - 128)
2-Fluorophenol	71	(34 - 115)
Nitrobenzene-d5	69	(30 - 118)
Phenol-d5	68	(35 - 117)
Terphenyl-d14	112	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 003 AETP-14 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-003
Date Sampled...: 05/09/07
Prep Date.....: 05/14/07
Prep Batch #...: 7134014
Dilution Factor: 1
% Moisture.....: 13

Work Order #...: JWMVN1AL
Date Received..: 05/10/07
Analysis Date..: 05/15/07
Analysis Time..: 04:15

Matrix.....: SOLID
MS Run #.....: 7134006

Method.....: SW846 8270C SIM

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	ND	7.7	ug/kg
Acenaphthylene	ND	7.7	ug/kg
Acenaphthene	ND	7.7	ug/kg
Fluorene	ND	7.7	ug/kg
Phenanthrene	**3.4 J**	**7.7**	**ug/kg**
Anthracene	ND	7.7	ug/kg
Fluoranthene	ND	7.7	ug/kg
Pyrene	ND	7.7	ug/kg
Benzo(a)anthracene	ND	7.7	ug/kg
Chrysene	ND	7.7	ug/kg
Benzo(b)fluoranthene	ND	7.7	ug/kg
Benzo(k)fluoranthene	ND	7.7	ug/kg
Benzo(a)pyrene	ND	7.7	ug/kg
Indeno(1,2,3-cd)pyrene	ND	7.7	ug/kg
Dibenzo(a,h)anthracene	ND	7.7	ug/kg
Benzo(ghi)perylene	ND	7.7	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 003 AETP-14 (1.5-2')

GC Semivolatiles

Lot-Sample #...: C7E100155-003 **Work Order #...:** JWMVN1A7 **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7135002
Prep Date.....: 05/15/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7135012 **Analysis Time..:** 17:44
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	19	ug/kg
Aroclor 1221	ND	19	ug/kg
Aroclor 1232	ND	19	ug/kg
Aroclor 1242	ND	19	ug/kg
Aroclor 1248	ND	19	ug/kg
Aroclor 1254	ND	19	ug/kg
Aroclor 1260	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97	(31 - 127)
Decachlorobiphenyl	95	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 003 AETP-14 (1.5-2')

TOTAL Metals

Lot-Sample #...: C7E100155-003
Date Sampled...: 05/09/07 Date Received..: 05/10/07
% Moisture.....: 13
Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136035						
Silver	0.0091 B	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AN
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Aluminum	6780	3.5	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AP
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Arsenic	3.4	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AQ
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Barium	18.8	1.2	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AR
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Beryllium	0.32	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AT
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Calcium	753	11.5	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AU
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Cadmium	0.097 B	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AV
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Cobalt	5.6	0.058	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AW
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Chromium	8.3	0.23	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AX
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Copper	9.9	0.23	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1A0
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Iron	12300 J	5.8	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1A1
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Potassium	617	11.5	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1A2
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 003 AETP-14 (1.5-2')

TOTAL Metals

Lot-Sample #...: C7E100155-003 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	2720	11.5	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1A3
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Manganese	285 J	0.058	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1A4
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Sodium	41.2	11.5	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1A5
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Nickel	11.8	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1A6
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Lead	6.3 J	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AA
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Selenium	0.31 B	0.58	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AC
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Thallium	0.038 B	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AD
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Antimony	0.044 B	0.23	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AE
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Vanadium	7.7	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AF
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Zinc	29.0	0.58	mg/kg	SW846 6020	05/16-05/24/07	JWMVN1AG
		Dilution Factor: 1		Analysis Time..: 20:28	MS Run #.....: 7136019	
Prep Batch #...: 7149227						
Mercury	0.016 B	0.038	mg/kg	SW846 7471A	05/29/07	JWMVN1AH
		Dilution Factor: 1		Analysis Time..: 17:18	MS Run #.....: 7149155	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 003 AETP-14 (1.5-2')

General Chemistry

Lot-Sample #...: C7E100155-003 **Work Order #...:** JWMVN **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.9**		**%**	**MCAWW 160.3 MOD**	**05/10-05/11/07**	**7130339**

Dilution Factor: 1 Analysis Time..: 10:10 MS Run #.....: 7130199

Langan Engineering & Environmental Srvcs

Client Sample ID: 004 AETP-14 (14.5-15')

GC/MS Volatiles

Lot-Sample #...: C7E100155-004 **Work Order #...:** JWMVP1AJ **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7136026
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7136077 **Analysis Time..:** 14:06
Dilution Factor: 0.86
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/kg
Benzene	ND	5.0	ug/kg
Bromodichloromethane	ND	5.0	ug/kg
Bromoform	ND	5.0	ug/kg
Bromomethane	ND	5.0	ug/kg
2-Butanone	ND	5.0	ug/kg
Carbon disulfide	ND	5.0	ug/kg
Carbon tetrachloride	ND	5.0	ug/kg
Chlorobenzene	ND	5.0	ug/kg
Chloroethane	ND	5.0	ug/kg
Chloroform	ND	5.0	ug/kg
Chloromethane	ND	5.0	ug/kg
Cyclohexane	ND	5.0	ug/kg
Dibromochloromethane	ND	5.0	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg
1,2-Dibromoethane	ND	5.0	ug/kg
1,3-Dichlorobenzene	ND	5.0	ug/kg
1,4-Dichlorobenzene	ND	5.0	ug/kg
1,2-Dichlorobenzene	ND	5.0	ug/kg
Dichlorodifluoromethane	ND	5.0	ug/kg
1,1-Dichloroethane	ND	5.0	ug/kg
1,2-Dichloroethane	ND	5.0	ug/kg
1,1-Dichloroethene	ND	5.0	ug/kg
cis-1,2-Dichloroethene	ND	5.0	ug/kg
trans-1,2-Dichloroethene	ND	5.0	ug/kg
1,2-Dichloropropane	ND	5.0	ug/kg
cis-1,3-Dichloropropene	ND	5.0	ug/kg
trans-1,3-Dichloropropene	ND	5.0	ug/kg
Ethylbenzene	ND	5.0	ug/kg
2-Hexanone	ND	5.0	ug/kg
Isopropylbenzene	ND	5.0	ug/kg
Methyl acetate	ND	5.0	ug/kg
Methylene chloride	**2.2 J,B**	**5.0**	**ug/kg**
Methylcyclohexane	ND	5.0	ug/kg
4-Methyl-2-pentanone	ND	5.0	ug/kg
Methyl tert-butyl ether	ND	5.0	ug/kg
Styrene	ND	5.0	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 004 AETP-14 (14.5-15')

GC/MS Volatiles

Lot-Sample #...: C7E100155-004 **Work Order #...:** JWMVP1AJ **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg
1,2,4-Trichloro-benzene	ND	5.0	ug/kg
Tetrachloroethene	ND	5.0	ug/kg
1,1,1-Trichloroethane	ND	5.0	ug/kg
1,1,2-Trichloroethane	ND	5.0	ug/kg
Trichloroethene	ND	5.0	ug/kg
Trichlorofluoromethane	ND	5.0	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg
Toluene	ND	5.0	ug/kg
Vinyl chloride	ND	5.0	ug/kg
Xylenes (total)	ND	15	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	85	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	91	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 004 AETP-14 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-004 **Work Order #...:** JWMVP1AK **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134005
Prep Date.....: 05/14/07 **Analysis Date..:** 06/02/07
Prep Batch #...: 7134013 **Analysis Time..:** 08:38
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	390	ug/kg
Atrazine	ND	390	ug/kg
Benzaldehyde	ND	390	ug/kg
1,1'-Biphenyl	ND	390	ug/kg
bis(2-Chloroethoxy) methane	ND	390	ug/kg
bis(2-Chloroethyl)-ether	ND	390	ug/kg
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg
4-Bromophenyl phenyl ether	ND	390	ug/kg
Butyl benzyl phthalate	ND	390	ug/kg
Caprolactam	ND	390	ug/kg
Carbazole	ND	390	ug/kg
4-Chloroaniline	ND	390	ug/kg
4-Chloro-3-methylphenol	ND	390	ug/kg
2-Chloronaphthalene	ND	390	ug/kg
2-Chlorophenol	ND	390	ug/kg
4-Chlorophenyl phenyl ether	ND	390	ug/kg
Dibenzofuran	ND	390	ug/kg
3,3'-Dichlorobenzidine	ND	1900	ug/kg
2,4-Dichlorophenol	ND	390	ug/kg
Diethyl phthalate	ND	390	ug/kg
2,4-Dimethylphenol	ND	390	ug/kg
Dimethyl phthalate	ND	390	ug/kg
Di-n-butyl phthalate	ND	390	ug/kg
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg
2,4-Dinitrophenol	ND	1900	ug/kg
2,4-Dinitrotoluene	ND	390	ug/kg
2,6-Dinitrotoluene	ND	390	ug/kg
Di-n-octyl phthalate	ND	390	ug/kg
Hexachlorobenzene	ND	390	ug/kg
Hexachlorobutadiene	ND	390	ug/kg
Hexachlorocyclopenta-diene	ND	1900	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 004 AETP-14 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-004 **Work Order #...:** JWMVP1AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	390	ug/kg
Isophorone	ND	390	ug/kg
2-Methylnaphthalene	ND	390	ug/kg
2-Methylphenol	ND	390	ug/kg
4-Methylphenol	ND	390	ug/kg
2-Nitroaniline	ND	1900	ug/kg
3-Nitroaniline	ND	1900	ug/kg
4-Nitroaniline	ND	1900	ug/kg
Nitrobenzene	ND	390	ug/kg
2-Nitrophenol	ND	390	ug/kg
4-Nitrophenol	ND	1900	ug/kg
N-Nitrosodi-n-propyl-amine	ND	390	ug/kg
N-Nitrosodiphenylamine	ND	390	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	390	ug/kg
Pentachlorophenol	ND	1900	ug/kg
Phenol	ND	390	ug/kg
2,4,5-Trichloro-phenol	ND	390	ug/kg
2,4,6-Trichloro-phenol	ND	390	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(21 - 144)
2-Fluorobiphenyl	62	(26 - 128)
2-Fluorophenol	69	(34 - 115)
Nitrobenzene-d5	68	(30 - 118)
Phenol-d5	63	(35 - 117)
Terphenyl-d14	82	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 004 AETP-14 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...:	C7E100155-004	**Work Order #...:**	JWMVP1AL	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7134006
Prep Date.....:	05/14/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7134014	**Analysis Time..:**	04:43		
Dilution Factor:	1				
% Moisture.....:	15	**Method.....:**	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	ND	7.8	ug/kg
Acenaphthylene	ND	7.8	ug/kg
Acenaphthene	ND	7.8	ug/kg
Fluorene	ND	7.8	ug/kg
Phenanthrene	**5.8 J**	**7.8**	**ug/kg**
Anthracene	ND	7.8	ug/kg
Fluoranthene	**7.0 J**	**7.8**	**ug/kg**
Pyrene	**7.8**	**7.8**	**ug/kg**
Benzo(a)anthracene	**4.2 J**	**7.8**	**ug/kg**
Chrysene	**5.0 J**	**7.8**	**ug/kg**
Benzo(b)fluoranthene	**6.0 J**	**7.8**	**ug/kg**
Benzo(k)fluoranthene	ND	7.8	ug/kg
Benzo(a)pyrene	**4.4 J**	**7.8**	**ug/kg**
Indeno(1,2,3-cd)pyrene	**3.2 J**	**7.8**	**ug/kg**
Dibenzo(a,h)anthracene	ND	7.8	ug/kg
Benzo(ghi)perylene	**3.6 J**	**7.8**	**ug/kg**

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 004 AETP-14 (14.5-15')

GC Semivolatiles

Lot-Sample #...:	C7E100155-004	**Work Order #...:**	JWMVP1A7	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7135002
Prep Date.....:	05/15/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7135012	**Analysis Time..:**	18:07		
Dilution Factor:	1				
% Moisture.....:	15	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	19	ug/kg
Aroclor 1221	ND	19	ug/kg
Aroclor 1232	ND	19	ug/kg
Aroclor 1242	ND	19	ug/kg
Aroclor 1248	ND	19	ug/kg
Aroclor 1254	ND	19	ug/kg
Aroclor 1260	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(31 - 127)
Decachlorobiphenyl	95	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 004 AETP-14 (14.5-15')

TOTAL Metals

Lot-Sample #...: C7E100155-004
Date Sampled...: 05/09/07 Date Received..: 05/10/07
% Moisture.....: 15
Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136035						
Silver	0.018 B	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AN
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Aluminum	8040	3.5	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AP
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Arsenic	4.6	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AQ
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Barium	37.2	1.2	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AR
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Beryllium	0.41	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AT
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Calcium	562	11.7	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AU
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Cadmium	0.12	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AV
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Cobalt	5.9	0.058	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AW
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Chromium	9.5	0.23	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AX
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Copper	9.9	0.23	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1A0
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Iron	12900 J	5.8	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1A1
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Potassium	784	11.7	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1A2
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 004 AETP-14 (14.5-15')

TOTAL Metals

Lot-Sample #...: C7E100155-004 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1970	11.7	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1A3
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Manganese	380 J	0.058	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1A4
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Sodium	39.8	11.7	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1A5
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Nickel	10.9	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1A6
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Lead	10.4 J	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AA
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Selenium	0.51 B	0.58	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AC
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Thallium	0.062 B	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AD
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Antimony	0.040 B	0.23	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AE
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Vanadium	9.9	0.12	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AF
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Zinc	31.0	0.58	mg/kg	SW846 6020	05/16-05/24/07	JWMVP1AG
		Dilution Factor: 1		Analysis Time..: 20:32	MS Run #.....: 7136019	
Prep Batch #...: 7149227						
Mercury	0.036 B	0.039	mg/kg	SW846 7471A	05/29/07	JWMVP1AH
		Dilution Factor: 1		Analysis Time..: 17:20	MS Run #.....: 7149155	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 004 AETP-14 (14.5-15')

General Chemistry

Lot-Sample #...: C7E100155-004 **Work Order #...:** JWMVP **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.5**		**%**	**MCAWW 160.3 MOD**	**05/10-05/11/07**	**7130339**
	Dilution Factor: 1			Analysis Time..: 10:10	MS Run #.....: 7130199	

Langan Engineering & Environmental Srvcs

Client Sample ID: 005 AETP-15 (1.5-2')

GC/MS Volatiles

Lot-Sample #...: C7E100155-005 **Work Order #...:** JWMVQ1AJ **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7136026
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7136077 **Analysis Time..:** 14:30
Dilution Factor: 0.91
% Moisture.....: 9.0 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/kg
Benzene	ND	5.0	ug/kg
Bromodichloromethane	ND	5.0	ug/kg
Bromoform	ND	5.0	ug/kg
Bromomethane	ND	5.0	ug/kg
2-Butanone	ND	5.0	ug/kg
Carbon disulfide	ND	5.0	ug/kg
Carbon tetrachloride	ND	5.0	ug/kg
Chlorobenzene	ND	5.0	ug/kg
Chloroethane	ND	5.0	ug/kg
Chloroform	ND	5.0	ug/kg
Chloromethane	ND	5.0	ug/kg
Cyclohexane	ND	5.0	ug/kg
Dibromochloromethane	ND	5.0	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg
1,2-Dibromoethane	ND	5.0	ug/kg
1,3-Dichlorobenzene	ND	5.0	ug/kg
1,4-Dichlorobenzene	ND	5.0	ug/kg
1,2-Dichlorobenzene	ND	5.0	ug/kg
Dichlorodifluoromethane	ND	5.0	ug/kg
1,1-Dichloroethane	ND	5.0	ug/kg
1,2-Dichloroethane	ND	5.0	ug/kg
1,1-Dichloroethene	ND	5.0	ug/kg
cis-1,2-Dichloroethene	ND	5.0	ug/kg
trans-1,2-Dichloroethene	ND	5.0	ug/kg
1,2-Dichloropropane	ND	5.0	ug/kg
cis-1,3-Dichloropropene	ND	5.0	ug/kg
trans-1,3-Dichloropropene	ND	5.0	ug/kg
Ethylbenzene	ND	5.0	ug/kg
2-Hexanone	ND	5.0	ug/kg
Isopropylbenzene	ND	5.0	ug/kg
Methyl acetate	ND	5.0	ug/kg
Methylene chloride	**3.2 J,B**	**5.0**	**ug/kg**
Methylcyclohexane	ND	5.0	ug/kg
4-Methyl-2-pentanone	ND	5.0	ug/kg
Methyl tert-butyl ether	ND	5.0	ug/kg
Styrene	ND	5.0	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 005 AETP-15 (1.5-2')

GC/MS Volatiles

Lot-Sample #...: C7E100155-005 **Work Order #...:** JWMVQ1AJ **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg
1,2,4-Trichloro-benzene	ND	5.0	ug/kg
Tetrachloroethene	ND	5.0	ug/kg
1,1,1-Trichloroethane	ND	5.0	ug/kg
1,1,2-Trichloroethane	ND	5.0	ug/kg
Trichloroethene	ND	5.0	ug/kg
Trichlorofluoromethane	ND	5.0	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg
Toluene	ND	5.0	ug/kg
Vinyl chloride	ND	5.0	ug/kg
Xylenes (total)	ND	15	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 005 AETP-15 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-005 **Work Order #...:** JWMVQ1AK **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134005
Prep Date.....: 05/14/07 **Analysis Date..:** 05/31/07
Prep Batch #...: 7134013 **Analysis Time..:** 13:48
Dilution Factor: 1
% Moisture.....: 9.0 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	360	ug/kg
Atrazine	ND	360	ug/kg
Benzaldehyde	ND	360	ug/kg
1,1'-Biphenyl	ND	360	ug/kg
bis(2-Chloroethoxy) methane	ND	360	ug/kg
bis(2-Chloroethyl)-ether	ND	360	ug/kg
bis(2-Ethylhexyl) phthalate	ND	360	ug/kg
4-Bromophenyl phenyl ether	ND	360	ug/kg
Butyl benzyl phthalate	ND	360	ug/kg
Caprolactam	ND	360	ug/kg
Carbazole	ND	360	ug/kg
4-Chloroaniline	ND	360	ug/kg
4-Chloro-3-methylphenol	ND	360	ug/kg
2-Chloronaphthalene	ND	360	ug/kg
2-Chlorophenol	ND	360	ug/kg
4-Chlorophenyl phenyl ether	ND	360	ug/kg
Dibenzofuran	ND	360	ug/kg
3,3'-Dichlorobenzidine	ND	1800	ug/kg
2,4-Dichlorophenol	ND	360	ug/kg
Diethyl phthalate	ND	360	ug/kg
2,4-Dimethylphenol	ND	360	ug/kg
Dimethyl phthalate	ND	360	ug/kg
Di-n-butyl phthalate	ND	360	ug/kg
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg
2,4-Dinitrophenol	ND	1800	ug/kg
2,4-Dinitrotoluene	ND	360	ug/kg
2,6-Dinitrotoluene	ND	360	ug/kg
Di-n-octyl phthalate	ND	360	ug/kg
Hexachlorobenzene	ND	360	ug/kg
Hexachlorobutadiene	ND	360	ug/kg
Hexachlorocyclopenta-diene	ND	1800	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 005 AETP-15 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-005 **Work Order #...:** JWMVQ1AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	360	ug/kg
Isophorone	ND	360	ug/kg
2-Methylnaphthalene	ND	360	ug/kg
2-Methylphenol	ND	360	ug/kg
4-Methylphenol	ND	360	ug/kg
2-Nitroaniline	ND	1800	ug/kg
3-Nitroaniline	ND	1800	ug/kg
4-Nitroaniline	ND	1800	ug/kg
Nitrobenzene	ND	360	ug/kg
2-Nitrophenol	ND	360	ug/kg
4-Nitrophenol	ND	1800	ug/kg
N-Nitrosodi-n-propyl-amine	ND	360	ug/kg
N-Nitrosodiphenylamine	ND	360	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	360	ug/kg
Pentachlorophenol	ND	1800	ug/kg
Phenol	ND	360	ug/kg
2,4,5-Trichloro-phenol	ND	360	ug/kg
2,4,6-Trichloro-phenol	ND	360	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	44	(21 - 144)
2-Fluorobiphenyl	47	(26 - 128)
2-Fluorophenol	50	(34 - 115)
Nitrobenzene-d5	48	(30 - 118)
Phenol-d5	46	(35 - 117)
Terphenyl-d14	62	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

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Client Sample ID: 005 AETP-15 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-005
Date Sampled...: 05/09/07
Prep Date.....: 05/14/07
Prep Batch #...: 7134014
Dilution Factor: 1
% Moisture.....: 9.0

Work Order #...: JWMVQ1AL
Date Received..: 05/10/07
Analysis Date..: 05/15/07
Analysis Time..: 05:11

Method.....: SW846 8270C SIM

Matrix.....: SOLID
MS Run #.....: 7134006

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	ND	7.3	ug/kg
Acenaphthylene	3.8 J	7.3	ug/kg
Acenaphthene	ND	7.3	ug/kg
Fluorene	ND	7.3	ug/kg
Phenanthrene	11	7.3	ug/kg
Anthracene	3.5 J	7.3	ug/kg
Fluoranthene	13	7.3	ug/kg
Pyrene	20	7.3	ug/kg
Benzo(a)anthracene	12	7.3	ug/kg
Chrysene	12	7.3	ug/kg
Benzo(b)fluoranthene	11	7.3	ug/kg
Benzo(k)fluoranthene	3.7 J	7.3	ug/kg
Benzo(a)pyrene	11	7.3	ug/kg
Indeno(1,2,3-cd)pyrene	6.1 J	7.3	ug/kg
Dibenzo(a,h)anthracene	1.7 J	7.3	ug/kg
Benzo(ghi)perylene	8.1	7.3	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 005 AETP-15 (1.5-2')

GC Semivolatiles

Lot-Sample #...:	C7E100155-005	**Work Order #...:**	JWMVQ1A7	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7135002
Prep Date.....:	05/15/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7135012	**Analysis Time..:**	18:30		
Dilution Factor:	1				
% Moisture.....:	9.0	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	18	ug/kg
Aroclor 1221	ND	18	ug/kg
Aroclor 1232	ND	18	ug/kg
Aroclor 1242	ND	18	ug/kg
Aroclor 1248	ND	18	ug/kg
Aroclor 1254	ND	18	ug/kg
Aroclor 1260	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(31 - 127)
Decachlorobiphenyl	101	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 005 AETP-15 (1.5-2')

TOTAL Metals

Lot-Sample #...: C7E100155-005
Date Sampled...: 05/09/07 Date Received..: 05/10/07
% Moisture.....: 9.0
Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136035						
Silver	0.011 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AN
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Aluminum	5860	3.3	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AP
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Arsenic	3.8	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AQ
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Barium	24.3	1.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AR
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Beryllium	0.27	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AT
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Calcium	394	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AU
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Cadmium	0.084 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AV
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Cobalt	5.0	0.055	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AW
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Chromium	6.9	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AX
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Copper	8.1	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1A0
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Iron	10500 J	5.5	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1A1
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Potassium	614	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1A2
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 005 AETP-15 (1.5-2')

TOTAL Metals

Lot-Sample #...: C7E100155-005 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1830	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1A3
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Manganese	253 J	0.055	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1A4
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Sodium	49.6	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1A5
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Nickel	9.8	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1A6
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Lead	6.9 J	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AA
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Selenium	0.39 B	0.55	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AC
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Thallium	0.040 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AD
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Antimony	0.031 B	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AE
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Vanadium	7.2	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AF
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Zinc	24.6	0.55	mg/kg	SW846 6020	05/16-05/24/07	JWMVQ1AG
		Dilution Factor: 1		Analysis Time..: 20:36	MS Run #.....: 7136019	
Prep Batch #...: 7149227						
Mercury	0.027 B	0.036	mg/kg	SW846 7471A	05/29/07	JWMVQ1AH
		Dilution Factor: 1		Analysis Time..: 17:22	MS Run #.....: 7149155	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 005 AETP-15 (1.5-2')

General Chemistry

Lot-Sample #...: C7E100155-005 **Work Order #...:** JWMVQ **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
% Moisture.....: 9.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.0**		**%**	**MCAWW 160.3 MOD**	**05/10-05/11/07**	**7130339**

Dilution Factor: 1 Analysis Time..: 10:10 MS Run #.....: 7130199

Langan Engineering & Environmental Srvcs

Client Sample ID: 006 AETP-15 (14.5-15')

GC/MS Volatiles

Lot-Sample #...: C7E100155-006 **Work Order #...:** JWMVR1AJ **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7136026
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7136077 **Analysis Time..:** 14:54
Dilution Factor: 1.09
% Moisture.....: 8.7 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	24	ug/kg
Benzene	ND	6.0	ug/kg
Bromodichloromethane	ND	6.0	ug/kg
Bromoform	ND	6.0	ug/kg
Bromomethane	ND	6.0	ug/kg
2-Butanone	ND	6.0	ug/kg
Carbon disulfide	ND	6.0	ug/kg
Carbon tetrachloride	ND	6.0	ug/kg
Chlorobenzene	ND	6.0	ug/kg
Chloroethane	ND	6.0	ug/kg
Chloroform	ND	6.0	ug/kg
Chloromethane	ND	6.0	ug/kg
Cyclohexane	ND	6.0	ug/kg
Dibromochloromethane	ND	6.0	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg
1,2-Dibromoethane	ND	6.0	ug/kg
1,3-Dichlorobenzene	ND	6.0	ug/kg
1,4-Dichlorobenzene	ND	6.0	ug/kg
1,2-Dichlorobenzene	ND	6.0	ug/kg
Dichlorodifluoromethane	ND	6.0	ug/kg
1,1-Dichloroethane	ND	6.0	ug/kg
1,2-Dichloroethane	ND	6.0	ug/kg
1,1-Dichloroethene	ND	6.0	ug/kg
cis-1,2-Dichloroethene	ND	6.0	ug/kg
trans-1,2-Dichloroethene	ND	6.0	ug/kg
1,2-Dichloropropane	ND	6.0	ug/kg
cis-1,3-Dichloropropene	ND	6.0	ug/kg
trans-1,3-Dichloropropene	ND	6.0	ug/kg
Ethylbenzene	ND	6.0	ug/kg
2-Hexanone	ND	6.0	ug/kg
Isopropylbenzene	ND	6.0	ug/kg
Methyl acetate	ND	6.0	ug/kg
Methylene chloride	**3.3 J,B**	**6.0**	**ug/kg**
Methylcyclohexane	ND	6.0	ug/kg
4-Methyl-2-pentanone	ND	6.0	ug/kg
Methyl tert-butyl ether	ND	6.0	ug/kg
Styrene	ND	6.0	ug/kg

(Continued on next page)

Langan Engineering & Environmental Srvcs

Client Sample ID: 006 AETP-15 (14.5-15')

GC/MS Volatiles

Lot-Sample #...: C7E100155-006 **Work Order #...:** JWMVR1AJ **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg
1,2,4-Trichloro-benzene	ND	6.0	ug/kg
Tetrachloroethene	ND	6.0	ug/kg
1,1,1-Trichloroethane	ND	6.0	ug/kg
1,1,2-Trichloroethane	ND	6.0	ug/kg
Trichloroethene	ND	6.0	ug/kg
Trichlorofluoromethane	ND	6.0	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg
Toluene	ND	6.0	ug/kg
Vinyl chloride	ND	6.0	ug/kg
Xylenes (total)	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	80	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	88	(63 - 120)
Dibromofluoromethane	84	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 006 AETP-15 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-006 **Work Order #...:** JWMVR1AK **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134005
Prep Date.....: 05/14/07 **Analysis Date..:** 05/31/07
Prep Batch #...: 7134013 **Analysis Time..:** 14:17
Dilution Factor: 1
% Moisture.....: 8.7 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	360	ug/kg
Atrazine	ND	360	ug/kg
Benzaldehyde	ND	360	ug/kg
1,1'-Biphenyl	ND	360	ug/kg
bis(2-Chloroethoxy) methane	ND	360	ug/kg
bis(2-Chloroethyl)-ether	ND	360	ug/kg
bis(2-Ethylhexyl) phthalate	ND	360	ug/kg
4-Bromophenyl phenyl ether	ND	360	ug/kg
Butyl benzyl phthalate	ND	360	ug/kg
Caprolactam	ND	360	ug/kg
Carbazole	ND	360	ug/kg
4-Chloroaniline	ND	360	ug/kg
4-Chloro-3-methylphenol	ND	360	ug/kg
2-Chloronaphthalene	ND	360	ug/kg
2-Chlorophenol	ND	360	ug/kg
4-Chlorophenyl phenyl ether	ND	360	ug/kg
Dibenzofuran	ND	360	ug/kg
3,3'-Dichlorobenzidine	ND	1800	ug/kg
2,4-Dichlorophenol	ND	360	ug/kg
Diethyl phthalate	ND	360	ug/kg
2,4-Dimethylphenol	ND	360	ug/kg
Dimethyl phthalate	ND	360	ug/kg
Di-n-butyl phthalate	ND	360	ug/kg
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg
2,4-Dinitrophenol	ND	1800	ug/kg
2,4-Dinitrotoluene	ND	360	ug/kg
2,6-Dinitrotoluene	ND	360	ug/kg
Di-n-octyl phthalate	ND	360	ug/kg
Hexachlorobenzene	ND	360	ug/kg
Hexachlorobutadiene	ND	360	ug/kg
Hexachlorocyclopenta-diene	ND	1800	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 006 AETP-15 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-006 **Work Order #...:** JWMVR1AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	360	ug/kg
Isophorone	ND	360	ug/kg
2-Methylnaphthalene	ND	360	ug/kg
2-Methylphenol	ND	360	ug/kg
4-Methylphenol	ND	360	ug/kg
2-Nitroaniline	ND	1800	ug/kg
3-Nitroaniline	ND	1800	ug/kg
4-Nitroaniline	ND	1800	ug/kg
Nitrobenzene	ND	360	ug/kg
2-Nitrophenol	ND	360	ug/kg
4-Nitrophenol	ND	1800	ug/kg
N-Nitrosodi-n-propyl-amine	ND	360	ug/kg
N-Nitrosodiphenylamine	ND	360	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	360	ug/kg
Pentachlorophenol	ND	1800	ug/kg
Phenol	ND	360	ug/kg
2,4,5-Trichloro-phenol	ND	360	ug/kg
2,4,6-Trichloro-phenol	ND	360	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	67	(21 - 144)
2-Fluorobiphenyl	69	(26 - 128)
2-Fluorophenol	69	(34 - 115)
Nitrobenzene-d5	66	(30 - 118)
Phenol-d5	67	(35 - 117)
Terphenyl-d14	95	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 006 AETP-15 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...:	C7E100155-006	**Work Order #...:**	JWMVR1AL	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7134006
Prep Date.....:	05/14/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7134014	**Analysis Time..:**	05:39		
Dilution Factor:	1				
% Moisture.....:	8.7	**Method.....:**	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	ND	7.3	ug/kg
Acenaphthylene	ND	7.3	ug/kg
Acenaphthene	ND	7.3	ug/kg
Fluorene	ND	7.3	ug/kg
Phenanthrene	**5.4 J**	**7.3**	**ug/kg**
Anthracene	ND	7.3	ug/kg
Fluoranthene	**3.8 J**	**7.3**	**ug/kg**
Pyrene	**5.4 J**	**7.3**	**ug/kg**
Benzo(a)anthracene	**3.2 J**	**7.3**	**ug/kg**
Chrysene	**2.7 J**	**7.3**	**ug/kg**
Benzo(b)fluoranthene	**3.1 J**	**7.3**	**ug/kg**
Benzo(k)fluoranthene	ND	7.3	ug/kg
Benzo(a)pyrene	**2.4 J**	**7.3**	**ug/kg**
Indeno(1,2,3-cd)pyrene	ND	7.3	ug/kg
Dibenzo(a,h)anthracene	ND	7.3	ug/kg
Benzo(ghi)perylene	**1.8 J**	**7.3**	**ug/kg**

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 006 AETP-15 (14.5-15')

GC Semivolatiles

Lot-Sample #...: C7E100155-006
Date Sampled...: 05/09/07
Prep Date.....: 05/15/07
Prep Batch #...: 7135012
Dilution Factor: 1
% Moisture.....: 8.7

Work Order #...: JWMVR1A7
Date Received..: 05/10/07
Analysis Date..: 05/15/07
Analysis Time..: 19:40

Method.....: SW846 8082

Matrix.....: SOLID
MS Run #.....: 7135002

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	18	ug/kg
Aroclor 1221	ND	18	ug/kg
Aroclor 1232	ND	18	ug/kg
Aroclor 1242	ND	18	ug/kg
Aroclor 1248	ND	18	ug/kg
Aroclor 1254	ND	18	ug/kg
Aroclor 1260	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(31 - 127)
Decachlorobiphenyl	105	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 006 AETP-15 (14.5-15')

TOTAL Metals

Lot-Sample #...: C7E100155-006
Date Sampled...: 05/09/07 Date Received..: 05/10/07
% Moisture.....: 8.7
Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136035						
Silver	0.015 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AN
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Aluminum	5240	3.3	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AP
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Arsenic	2.5	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AQ
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Barium	16.0	1.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AR
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Beryllium	0.25	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AT
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Calcium	419	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AU
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Cadmium	0.079 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AV
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Cobalt	4.7	0.055	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AW
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Chromium	5.7	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AX
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Copper	7.0	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1A0
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Iron	9640 J	5.5	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1A1
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Potassium	584	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1A2
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 006 AETP-15 (14.5-15')

TOTAL Metals

Lot-Sample #...: C7E100155-006 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1930	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1A3
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Manganese	282 J	0.055	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1A4
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Sodium	36.9	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1A5
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Nickel	9.6	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1A6
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Lead	5.4 J	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AA
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Selenium	0.24 B	0.55	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AC
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Thallium	0.032 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AD
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Antimony	0.031 B	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AE
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Vanadium	5.9	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AF
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Zinc	22.7	0.55	mg/kg	SW846 6020	05/16-05/24/07	JWMVR1AG
		Dilution Factor: 1		Analysis Time..: 20:52	MS Run #.....: 7136019	
Prep Batch #...: 7149227						
Mercury	0.013 B	0.036	mg/kg	SW846 7471A	05/29/07	JWMVR1AH
		Dilution Factor: 1		Analysis Time..: 17:23	MS Run #.....: 7149155	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 006 AETP-15 (14.5-15')

General Chemistry

Lot-Sample #...: C7E100155-006 **Work Order #...:** JWMVR **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
% Moisture.....: 8.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.3**		**%**	**MCAWW 160.3 MOD**	**05/10-05/11/07**	**7130339**

Dilution Factor: 1 Analysis Time..: 10:10 MS Run #.....: 7130199

Langan Engineering & Environmental Srvcs

Client Sample ID: 007 DUP-1

GC/MS Volatiles

Lot-Sample #...: C7E100155-007 **Work Order #...:** JWMVW1AJ **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:**
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7136651 **Analysis Time..:** 22:42
Dilution Factor: 0.94
% Moisture.....: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	21	ug/kg
Benzene	ND	5.2	ug/kg
Bromodichloromethane	ND	5.2	ug/kg
Bromoform	ND	5.2	ug/kg
Bromomethane	ND	5.2	ug/kg
2-Butanone	ND	5.2	ug/kg
Carbon disulfide	ND	5.2	ug/kg
Carbon tetrachloride	ND	5.2	ug/kg
Chlorobenzene	ND	5.2	ug/kg
Chloroethane	ND	5.2	ug/kg
Chloroform	ND	5.2	ug/kg
Chloromethane	ND	5.2	ug/kg
Cyclohexane	ND	5.2	ug/kg
Dibromochloromethane	ND	5.2	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.2	ug/kg
1,2-Dibromoethane	ND	5.2	ug/kg
1,3-Dichlorobenzene	ND	5.2	ug/kg
1,4-Dichlorobenzene	ND	5.2	ug/kg
1,2-Dichlorobenzene	ND	5.2	ug/kg
Dichlorodifluoromethane	ND	5.2	ug/kg
1,1-Dichloroethane	ND	5.2	ug/kg
1,2-Dichloroethane	ND	5.2	ug/kg
1,1-Dichloroethene	ND	5.2	ug/kg
cis-1,2-Dichloroethene	ND	5.2	ug/kg
trans-1,2-Dichloroethene	ND	5.2	ug/kg
1,2-Dichloropropane	ND	5.2	ug/kg
cis-1,3-Dichloropropene	ND	5.2	ug/kg
trans-1,3-Dichloropropene	ND	5.2	ug/kg
Ethylbenzene	ND	5.2	ug/kg
2-Hexanone	ND	5.2	ug/kg
Isopropylbenzene	ND	5.2	ug/kg
Methyl acetate	ND	5.2	ug/kg
Methylene chloride	ND	5.2	ug/kg
Methylcyclohexane	ND	5.2	ug/kg
4-Methyl-2-pentanone	ND	5.2	ug/kg
Methyl tert-butyl ether	ND	5.2	ug/kg
Styrene	ND	5.2	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 007 DUP-1

GC/MS Volatiles

Lot-Sample #...: C7E100155-007 **Work Order #...:** JWMVW1AJ **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg
1,2,4-Trichloro-benzene	ND	5.2	ug/kg
Tetrachloroethene	ND	5.2	ug/kg
1,1,1-Trichloroethane	ND	5.2	ug/kg
1,1,2-Trichloroethane	ND	5.2	ug/kg
Trichloroethene	ND	5.2	ug/kg
Trichlorofluoromethane	ND	5.2	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.2	ug/kg
Toluene	ND	5.2	ug/kg
Vinyl chloride	ND	5.2	ug/kg
Xylenes (total)	ND	16	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	76	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	91	(63 - 120)
Dibromofluoromethane	85	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 007 DUP-1

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-007 **Work Order #...:** JWMVW1AK **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134005
Prep Date.....: 05/14/07 **Analysis Date..:** 05/31/07
Prep Batch #...: 7134013 **Analysis Time..:** 14:46
Dilution Factor: 1
% Moisture.....: 10 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	370	ug/kg
Atrazine	ND	370	ug/kg
Benzaldehyde	ND	370	ug/kg
1,1'-Biphenyl	ND	370	ug/kg
bis(2-Chloroethoxy) methane	ND	370	ug/kg
bis(2-Chloroethyl)-ether	ND	370	ug/kg
bis(2-Ethylhexyl) phthalate	ND	370	ug/kg
4-Bromophenyl phenyl ether	ND	370	ug/kg
Butyl benzyl phthalate	ND	370	ug/kg
Caprolactam	ND	370	ug/kg
Carbazole	ND	370	ug/kg
4-Chloroaniline	ND	370	ug/kg
4-Chloro-3-methylphenol	ND	370	ug/kg
2-Chloronaphthalene	ND	370	ug/kg
2-Chlorophenol	ND	370	ug/kg
4-Chlorophenyl phenyl ether	ND	370	ug/kg
Dibenzofuran	ND	370	ug/kg
3,3'-Dichlorobenzidine	ND	1800	ug/kg
2,4-Dichlorophenol	ND	370	ug/kg
Diethyl phthalate	ND	370	ug/kg
2,4-Dimethylphenol	ND	370	ug/kg
Dimethyl phthalate	ND	370	ug/kg
Di-n-butyl phthalate	ND	370	ug/kg
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg
2,4-Dinitrophenol	ND	1800	ug/kg
2,4-Dinitrotoluene	ND	370	ug/kg
2,6-Dinitrotoluene	ND	370	ug/kg
Di-n-octyl phthalate	ND	370	ug/kg
Hexachlorobenzene	ND	370	ug/kg
Hexachlorobutadiene	ND	370	ug/kg
Hexachlorocyclopenta-diene	ND	1800	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 007 DUP-1

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-007 **Work Order #...:** JWMVW1AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	370	ug/kg
Isophorone	ND	370	ug/kg
2-Methylnaphthalene	ND	370	ug/kg
2-Methylphenol	ND	370	ug/kg
4-Methylphenol	ND	370	ug/kg
2-Nitroaniline	ND	1800	ug/kg
3-Nitroaniline	ND	1800	ug/kg
4-Nitroaniline	ND	1800	ug/kg
Nitrobenzene	ND	370	ug/kg
2-Nitrophenol	ND	370	ug/kg
4-Nitrophenol	ND	1800	ug/kg
N-Nitrosodi-n-propyl-amine	ND	370	ug/kg
N-Nitrosodiphenylamine	ND	370	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	370	ug/kg
Pentachlorophenol	ND	1800	ug/kg
Phenol	ND	370	ug/kg
2,4,5-Trichloro-phenol	ND	370	ug/kg
2,4,6-Trichloro-phenol	ND	370	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	70	(21 - 144)
2-Fluorobiphenyl	80	(26 - 128)
2-Fluorophenol	82	(34 - 115)
Nitrobenzene-d5	83	(30 - 118)
Phenol-d5	78	(35 - 117)
Terphenyl-d14	115	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 007 DUP-1

GC/MS Semivolatiles

Lot-Sample #...:	C7E100155-007	Work Order #...:	JWMVW1AL	Matrix.....:	SOLID
Date Sampled...:	05/09/07	Date Received..:	05/10/07	MS Run #.....:	7134006
Prep Date.....:	05/14/07	Analysis Date..:	05/15/07		
Prep Batch #...:	7134014	Analysis Time..:	06:07		
Dilution Factor:	1				
% Moisture.....:	10	Method.....:	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	ND	7.4	ug/kg
Acenaphthylene	5.2 J	7.4	ug/kg
Acenaphthene	2.5 J	7.4	ug/kg
Fluorene	3.1 J	7.4	ug/kg
Phenanthrene	16	7.4	ug/kg
Anthracene	5.0 J	7.4	ug/kg
Fluoranthene	18	7.4	ug/kg
Pyrene	24	7.4	ug/kg
Benzo(a)anthracene	13	7.4	ug/kg
Chrysene	14	7.4	ug/kg
Benzo(b)fluoranthene	21	7.4	ug/kg
Benzo(k)fluoranthene	ND	7.4	ug/kg
Benzo(a)pyrene	15	7.4	ug/kg
Indeno(1,2,3-cd)pyrene	9.8	7.4	ug/kg
Dibenzo(a,h)anthracene	ND	7.4	ug/kg
Benzo(ghi)perylene	12	7.4	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 007 DUP-1

GC Semivolatiles

Lot-Sample #...:	C7E100155-007	**Work Order #...:**	JWMVW1A7	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7135002
Prep Date.....:	05/15/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7135012	**Analysis Time..:**	20:03		
Dilution Factor:	1				
% Moisture.....:	10	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	19	ug/kg
Aroclor 1221	ND	19	ug/kg
Aroclor 1232	ND	19	ug/kg
Aroclor 1242	ND	19	ug/kg
Aroclor 1248	ND	19	ug/kg
Aroclor 1254	ND	19	ug/kg
Aroclor 1260	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(31 - 127)
Decachlorobiphenyl	99	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 007 DUP-1

TOTAL Metals

Lot-Sample #...: C7E100155-007
Date Sampled...: 05/09/07 Date Received..: 05/10/07
% Moisture.....: 10
Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136035						
Silver	0.0099 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AN
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Aluminum	6130	3.3	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AP
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Arsenic	3.8	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AQ
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Barium	23.8	1.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AR
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Beryllium	0.29	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AT
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Calcium	400	11.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AU
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Cadmium	0.084 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AV
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Cobalt	5.2	0.056	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AW
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Chromium	7.1	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AX
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Copper	8.4	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1A0
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Iron	11200 J	5.6	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1A1
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Potassium	604	11.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1A2
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 007 DUP-1

TOTAL Metals

Lot-Sample #...: C7E100155-007 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1990	11.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1A3
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Manganese	295 J	0.056	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1A4
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Sodium	48.0	11.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1A5
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Nickel	10.3	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1A6
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Lead	6.2 J	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AA
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Selenium	0.40 B	0.56	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AC
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Thallium	0.041 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AD
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Antimony	0.028 B	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AE
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Vanadium	7.4	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AF
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Zinc	26.3	0.56	mg/kg	SW846 6020	05/16-05/24/07	JWMVW1AG
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 7136019	
Prep Batch #...: 7149227						
Mercury	0.028 B	0.037	mg/kg	SW846 7471A	05/29/07	JWMVW1AH
		Dilution Factor: 1		Analysis Time..: 17:25	MS Run #.....: 7149155	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 007 DUP-1

General Chemistry

Lot-Sample #...: C7E100155-007 **Work Order #...:** JWMVW **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.9**		**%**	**MCAWW 160.3 MOD**	**05/10-05/11/07**	**7130339**

Dilution Factor: 1 Analysis Time..: 10:10 MS Run #.....: 7130199

Langan Engineering & Environmental Srvcs

Client Sample ID: 008 AETP-16 (1.5-2')

GC/MS Volatiles

Lot-Sample #...: C7E100155-008 **Work Order #...:** JWMVX1AJ **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:**
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7136651 **Analysis Time..:** 23:54
Dilution Factor: 0.97
% Moisture.....: 9.2 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	21	ug/kg
Benzene	ND	5.3	ug/kg
Bromodichloromethane	ND	5.3	ug/kg
Bromoform	ND	5.3	ug/kg
Bromomethane	ND	5.3	ug/kg
2-Butanone	ND	5.3	ug/kg
Carbon disulfide	ND	5.3	ug/kg
Carbon tetrachloride	ND	5.3	ug/kg
Chlorobenzene	ND	5.3	ug/kg
Chloroethane	ND	5.3	ug/kg
Chloroform	ND	5.3	ug/kg
Chloromethane	ND	5.3	ug/kg
Cyclohexane	ND	5.3	ug/kg
Dibromochloromethane	ND	5.3	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.3	ug/kg
1,2-Dibromoethane	ND	5.3	ug/kg
1,3-Dichlorobenzene	ND	5.3	ug/kg
1,4-Dichlorobenzene	ND	5.3	ug/kg
1,2-Dichlorobenzene	ND	5.3	ug/kg
Dichlorodifluoromethane	ND	5.3	ug/kg
1,1-Dichloroethane	ND	5.3	ug/kg
1,2-Dichloroethane	ND	5.3	ug/kg
1,1-Dichloroethene	ND	5.3	ug/kg
cis-1,2-Dichloroethene	ND	5.3	ug/kg
trans-1,2-Dichloroethene	ND	5.3	ug/kg
1,2-Dichloropropane	ND	5.3	ug/kg
cis-1,3-Dichloropropene	ND	5.3	ug/kg
trans-1,3-Dichloropropene	ND	5.3	ug/kg
Ethylbenzene	ND	5.3	ug/kg
2-Hexanone	ND	5.3	ug/kg
Isopropylbenzene	ND	5.3	ug/kg
Methyl acetate	ND	5.3	ug/kg
Methylene chloride	ND	5.3	ug/kg
Methylcyclohexane	ND	5.3	ug/kg
4-Methyl-2-pentanone	ND	5.3	ug/kg
Methyl tert-butyl ether	ND	5.3	ug/kg
Styrene	ND	5.3	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 008 AETP-16 (1.5-2')

GC/MS Volatiles

Lot-Sample #...: C7E100155-008 **Work Order #...:** JWMVX1AJ **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.3	ug/kg
1,2,4-Trichloro-benzene	ND	5.3	ug/kg
Tetrachloroethene	ND	5.3	ug/kg
1,1,1-Trichloroethane	ND	5.3	ug/kg
1,1,2-Trichloroethane	ND	5.3	ug/kg
Trichloroethene	ND	5.3	ug/kg
Trichlorofluoromethane	ND	5.3	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.3	ug/kg
Toluene	ND	5.3	ug/kg
Vinyl chloride	ND	5.3	ug/kg
Xylenes (total)	ND	16	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	73	(52 - 124)
Toluene-d8	90	(72 - 127)
4-Bromofluorobenzene	85	(63 - 120)
Dibromofluoromethane	81	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 008 AETP-16 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-008 **Work Order #...:** JWMVX1AK **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134005
Prep Date.....: 05/14/07 **Analysis Date..:** 05/31/07
Prep Batch #...: 7134013 **Analysis Time..:** 15:15
Dilution Factor: 1
% Moisture.....: 9.2 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	360	ug/kg
Atrazine	ND	360	ug/kg
Benzaldehyde	ND	360	ug/kg
1,1'-Biphenyl	ND	360	ug/kg
bis(2-Chloroethoxy) methane	ND	360	ug/kg
bis(2-Chloroethyl)-ether	ND	360	ug/kg
bis(2-Ethylhexyl) phthalate	ND	360	ug/kg
4-Bromophenyl phenyl ether	ND	360	ug/kg
Butyl benzyl phthalate	ND	360	ug/kg
Caprolactam	ND	360	ug/kg
Carbazole	ND	360	ug/kg
4-Chloroaniline	ND	360	ug/kg
4-Chloro-3-methylphenol	ND	360	ug/kg
2-Chloronaphthalene	ND	360	ug/kg
2-Chlorophenol	ND	360	ug/kg
4-Chlorophenyl phenyl ether	ND	360	ug/kg
Dibenzofuran	ND	360	ug/kg
3,3'-Dichlorobenzidine	ND	1800	ug/kg
2,4-Dichlorophenol	ND	360	ug/kg
Diethyl phthalate	ND	360	ug/kg
2,4-Dimethylphenol	ND	360	ug/kg
Dimethyl phthalate	ND	360	ug/kg
Di-n-butyl phthalate	ND	360	ug/kg
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg
2,4-Dinitrophenol	ND	1800	ug/kg
2,4-Dinitrotoluene	ND	360	ug/kg
2,6-Dinitrotoluene	ND	360	ug/kg
Di-n-octyl phthalate	ND	360	ug/kg
Hexachlorobenzene	ND	360	ug/kg
Hexachlorobutadiene	ND	360	ug/kg
Hexachlorocyclopenta-diene	ND	1800	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 008 AETP-16 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-008 **Work Order #...:** JWMVX1AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	360	ug/kg
Isophorone	ND	360	ug/kg
2-Methylnaphthalene	ND	360	ug/kg
2-Methylphenol	ND	360	ug/kg
4-Methylphenol	ND	360	ug/kg
2-Nitroaniline	ND	1800	ug/kg
3-Nitroaniline	ND	1800	ug/kg
4-Nitroaniline	ND	1800	ug/kg
Nitrobenzene	ND	360	ug/kg
2-Nitrophenol	ND	360	ug/kg
4-Nitrophenol	ND	1800	ug/kg
N-Nitrosodi-n-propyl-amine	ND	360	ug/kg
N-Nitrosodiphenylamine	ND	360	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	360	ug/kg
Pentachlorophenol	ND	1800	ug/kg
Phenol	ND	360	ug/kg
2,4,5-Trichloro-phenol	ND	360	ug/kg
2,4,6-Trichloro-phenol	ND	360	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	66	(21 - 144)
2-Fluorobiphenyl	76	(26 - 128)
2-Fluorophenol	76	(34 - 115)
Nitrobenzene-d5	73	(30 - 118)
Phenol-d5	75	(35 - 117)
Terphenyl-d14	111	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 008 AETP-16 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...:	C7E100155-008	**Work Order #...:**	JWMVX1AL	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7134006
Prep Date.....:	05/14/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7134014	**Analysis Time..:**	06:35		
Dilution Factor:	1				
% Moisture.....:	9.2	**Method.....:**	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	ND	7.3	ug/kg
Acenaphthylene	ND	7.3	ug/kg
Acenaphthene	ND	7.3	ug/kg
Fluorene	ND	7.3	ug/kg
Phenanthrene	**7.6**	**7.3**	**ug/kg**
Anthracene	ND	7.3	ug/kg
Fluoranthene	**6.3 J**	**7.3**	**ug/kg**
Pyrene	**6.3 J**	**7.3**	**ug/kg**
Benzo(a)anthracene	**3.9 J**	**7.3**	**ug/kg**
Chrysene	**4.2 J**	**7.3**	**ug/kg**
Benzo(b)fluoranthene	**5.9 J**	**7.3**	**ug/kg**
Benzo(k)fluoranthene	ND	7.3	ug/kg
Benzo(a)pyrene	**4.5 J**	**7.3**	**ug/kg**
Indeno(1,2,3-cd)pyrene	**3.4 J**	**7.3**	**ug/kg**
Dibenzo(a,h)anthracene	ND	7.3	ug/kg
Benzo(ghi)perylene	**3.9 J**	**7.3**	**ug/kg**

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 008 AETP-16 (1.5-2')

GC Semivolatiles

Lot-Sample #...:	C7E100155-008	**Work Order #...:**	JWMVX1A7	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7135002
Prep Date.....:	05/15/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7135012	**Analysis Time..:**	20:26		
Dilution Factor:	1				
% Moisture.....:	9.2	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	18	ug/kg
Aroclor 1221	ND	18	ug/kg
Aroclor 1232	ND	18	ug/kg
Aroclor 1242	ND	18	ug/kg
Aroclor 1248	ND	18	ug/kg
Aroclor 1254	ND	18	ug/kg
Aroclor 1260	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(31 - 127)
Decachlorobiphenyl	91	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 008 AETP-16 (1.5-2')

TOTAL Metals

Lot-Sample #...: C7E100155-008
Date Sampled...: 05/09/07 Date Received..: 05/10/07
% Moisture.....: 9.2
Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136035						
Silver	0.011 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AN
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Aluminum	5140	3.3	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AP
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Arsenic	2.7	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AQ
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Barium	23.9	1.1	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AR
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Beryllium	0.29	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AT
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Calcium	467	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AU
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Cadmium	0.11	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AV
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Cobalt	5.2	0.055	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AW
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Chromium	7.8	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AX
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Copper	7.6	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1A0
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Iron	10400 J	5.5	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1A1
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Potassium	574	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1A2
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 008 AETP-16 (1.5-2')

TOTAL Metals

Lot-Sample #...: C7E100155-008 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	2030	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1A3
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Manganese	360 J	0.055	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1A4
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Sodium	36.0	11.0	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1A5
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Nickel	10.4	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1A6
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Lead	5.1 J	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AA
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Selenium	0.33 B	0.55	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AC
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Thallium	0.037 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AD
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Antimony	0.030 B	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AE
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Vanadium	6.8	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AF
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	
Zinc	26.5	0.55	mg/kg	SW846 6020	05/16-05/24/07	JWMVX1AG
		Dilution Factor: 1		Analysis Time..: 21:00	MS Run #.....: 7136019	

Prep Batch #...: 7149227

Mercury	0.058	0.036	mg/kg	SW846 7471A	05/29/07	JWMVX1AH
		Dilution Factor: 1		Analysis Time..: 17:27	MS Run #.....: 7149155	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 008 AETP-16 (1.5-2')

General Chemistry

Lot-Sample #...: C7E100155-008 **Work Order #...:** JWMVX **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
% Moisture.....: 9.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.8**		**%**	**MCAWW 160.3 MOD**	**05/10-05/11/07**	**7130339**
	Dilution Factor: 1			Analysis Time..: 10:10	MS Run #.....: 7130199	

Langan Engineering & Environmental Srvcs

Client Sample ID: 009 AETP-16 (14.5-15')

GC/MS Volatiles

Lot-Sample #...: C7E100155-009 **Work Order #...:** JWMV01AJ **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:**
Prep Date.....: 05/16/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7136651 **Analysis Time..:** 00:30
Dilution Factor: 1.08
% Moisture.....: 7.3 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	23	ug/kg
Benzene	ND	5.8	ug/kg
Bromodichloromethane	ND	5.8	ug/kg
Bromoform	ND	5.8	ug/kg
Bromomethane	ND	5.8	ug/kg
2-Butanone	ND	5.8	ug/kg
Carbon disulfide	ND	5.8	ug/kg
Carbon tetrachloride	ND	5.8	ug/kg
Chlorobenzene	ND	5.8	ug/kg
Chloroethane	ND	5.8	ug/kg
Chloroform	ND	5.8	ug/kg
Chloromethane	ND	5.8	ug/kg
Cyclohexane	ND	5.8	ug/kg
Dibromochloromethane	ND	5.8	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg
1,2-Dibromoethane	ND	5.8	ug/kg
1,3-Dichlorobenzene	ND	5.8	ug/kg
1,4-Dichlorobenzene	ND	5.8	ug/kg
1,2-Dichlorobenzene	ND	5.8	ug/kg
Dichlorodifluoromethane	ND	5.8	ug/kg
1,1-Dichloroethane	ND	5.8	ug/kg
1,2-Dichloroethane	ND	5.8	ug/kg
1,1-Dichloroethene	ND	5.8	ug/kg
cis-1,2-Dichloroethene	ND	5.8	ug/kg
trans-1,2-Dichloroethene	ND	5.8	ug/kg
1,2-Dichloropropane	ND	5.8	ug/kg
cis-1,3-Dichloropropene	ND	5.8	ug/kg
trans-1,3-Dichloropropene	ND	5.8	ug/kg
Ethylbenzene	ND	5.8	ug/kg
2-Hexanone	ND	5.8	ug/kg
Isopropylbenzene	ND	5.8	ug/kg
Methyl acetate	ND	5.8	ug/kg
Methylene chloride	ND	5.8	ug/kg
Methylcyclohexane	ND	5.8	ug/kg
4-Methyl-2-pentanone	ND	5.8	ug/kg
Methyl tert-butyl ether	ND	5.8	ug/kg
Styrene	ND	5.8	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 009 AETP-16 (14.5-15')

GC/MS Volatiles

Lot-Sample #...: C7E100155-009 **Work Order #...:** JWMV01AJ **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg
1,2,4-Trichloro-benzene	ND	5.8	ug/kg
Tetrachloroethene	ND	5.8	ug/kg
1,1,1-Trichloroethane	ND	5.8	ug/kg
1,1,2-Trichloroethane	ND	5.8	ug/kg
Trichloroethene	ND	5.8	ug/kg
Trichlorofluoromethane	ND	5.8	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg
Toluene	ND	5.8	ug/kg
Vinyl chloride	ND	5.8	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	73	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	89	(63 - 120)
Dibromofluoromethane	84	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 009 AETP-16 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-009 **Work Order #...:** JWMV01AK **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134005
Prep Date.....: 05/14/07 **Analysis Date..:** 05/31/07
Prep Batch #...: 7134013 **Analysis Time..:** 15:43
Dilution Factor: 1
% Moisture.....: 7.3 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	360	ug/kg
Atrazine	ND	360	ug/kg
Benzaldehyde	ND	360	ug/kg
1,1'-Biphenyl	ND	360	ug/kg
bis(2-Chloroethoxy) methane	ND	360	ug/kg
bis(2-Chloroethyl)-ether	ND	360	ug/kg
bis(2-Ethylhexyl) phthalate	ND	360	ug/kg
4-Bromophenyl phenyl ether	ND	360	ug/kg
Butyl benzyl phthalate	ND	360	ug/kg
Caprolactam	ND	360	ug/kg
Carbazole	ND	360	ug/kg
4-Chloroaniline	ND	360	ug/kg
4-Chloro-3-methylphenol	ND	360	ug/kg
2-Chloronaphthalene	ND	360	ug/kg
2-Chlorophenol	ND	360	ug/kg
4-Chlorophenyl phenyl ether	ND	360	ug/kg
Dibenzofuran	ND	360	ug/kg
3,3'-Dichlorobenzidine	ND	1700	ug/kg
2,4-Dichlorophenol	ND	360	ug/kg
Diethyl phthalate	ND	360	ug/kg
2,4-Dimethylphenol	ND	360	ug/kg
Dimethyl phthalate	ND	360	ug/kg
Di-n-butyl phthalate	ND	360	ug/kg
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg
2,4-Dinitrophenol	ND	1700	ug/kg
2,4-Dinitrotoluene	ND	360	ug/kg
2,6-Dinitrotoluene	ND	360	ug/kg
Di-n-octyl phthalate	ND	360	ug/kg
Hexachlorobenzene	ND	360	ug/kg
Hexachlorobutadiene	ND	360	ug/kg
Hexachlorocyclopenta-diene	ND	1700	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 009 AETP-16 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-009 **Work Order #...:** JWMV01AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	360	ug/kg
Isophorone	ND	360	ug/kg
2-Methylnaphthalene	ND	360	ug/kg
2-Methylphenol	ND	360	ug/kg
4-Methylphenol	ND	360	ug/kg
2-Nitroaniline	ND	1700	ug/kg
3-Nitroaniline	ND	1700	ug/kg
4-Nitroaniline	ND	1700	ug/kg
Nitrobenzene	ND	360	ug/kg
2-Nitrophenol	ND	360	ug/kg
4-Nitrophenol	ND	1700	ug/kg
N-Nitrosodi-n-propyl-amine	ND	360	ug/kg
N-Nitrosodiphenylamine	ND	360	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	360	ug/kg
Pentachlorophenol	ND	1700	ug/kg
Phenol	ND	360	ug/kg
2,4,5-Trichloro-phenol	ND	360	ug/kg
2,4,6-Trichloro-phenol	ND	360	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	65	(21 - 144)
2-Fluorobiphenyl	66	(26 - 128)
2-Fluorophenol	66	(34 - 115)
Nitrobenzene-d5	66	(30 - 118)
Phenol-d5	64	(35 - 117)
Terphenyl-d14	99	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 009 AETP-16 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-009 **Work Order #...:** JWMV01AL **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134006
Prep Date.....: 05/14/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7134014 **Analysis Time..:** 07:02
Dilution Factor: 1
% Moisture.....: 7.3 **Method.....:** SW846 8270C SIM

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	ND	7.2	ug/kg
Acenaphthylene	ND	7.2	ug/kg
Acenaphthene	ND	7.2	ug/kg
Fluorene	ND	7.2	ug/kg
Phenanthrene	**4.5 J**	**7.2**	**ug/kg**
Anthracene	ND	7.2	ug/kg
Fluoranthene	ND	7.2	ug/kg
Pyrene	**1.4 J**	**7.2**	**ug/kg**
Benzo(a)anthracene	ND	7.2	ug/kg
Chrysene	ND	7.2	ug/kg
Benzo(b)fluoranthene	ND	7.2	ug/kg
Benzo(k)fluoranthene	ND	7.2	ug/kg
Benzo(a)pyrene	ND	7.2	ug/kg
Indeno(1,2,3-cd)pyrene	ND	7.2	ug/kg
Dibenzo(a,h)anthracene	ND	7.2	ug/kg
Benzo(ghi)perylene	ND	7.2	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 009 AETP-16 (14.5-15')

GC Semivolatiles

Lot-Sample #...: C7E100155-009
Date Sampled...: 05/09/07
Prep Date.....: 05/15/07
Prep Batch #...: 7135012
Dilution Factor: 1
% Moisture.....: 7.3

Work Order #...: JWMV01A7
Date Received..: 05/10/07
Analysis Date..: 05/15/07
Analysis Time..: 20:50

Method.....: SW846 8082

Matrix.....: SOLID
MS Run #.....: 7135002

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	18	ug/kg
Aroclor 1221	ND	18	ug/kg
Aroclor 1232	ND	18	ug/kg
Aroclor 1242	ND	18	ug/kg
Aroclor 1248	ND	18	ug/kg
Aroclor 1254	ND	18	ug/kg
Aroclor 1260	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(31 - 127)
Decachlorobiphenyl	93	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 009 AETP-16 (14.5-15')

TOTAL Metals

Lot-Sample #...: C7E100155-009
Date Sampled...: 05/09/07 Date Received..: 05/10/07
% Moisture.....: 7.3
Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136035						
Silver	0.0084 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AN
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Aluminum	5530	3.2	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AP
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Arsenic	2.6	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AQ
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Barium	20.8	1.1	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AR
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Beryllium	0.29	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AT
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Calcium	297	10.8	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AU
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Cadmium	0.085 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AV
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Cobalt	5.2	0.054	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AW
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Chromium	6.4	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AX
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Copper	7.7	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMV01A0
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Iron	10100 J	5.4	mg/kg	SW846 6020	05/16-05/24/07	JWMV01A1
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Potassium	558	10.8	mg/kg	SW846 6020	05/16-05/24/07	JWMV01A2
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 009 AETP-16 (14.5-15')

TOTAL Metals

Lot-Sample #...: C7E100155-009 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1910	10.8	mg/kg	SW846 6020	05/16-05/24/07	JWMV01A3
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Manganese	331 J	0.054	mg/kg	SW846 6020	05/16-05/24/07	JWMV01A4
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Sodium	37.2	10.8	mg/kg	SW846 6020	05/16-05/24/07	JWMV01A5
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Nickel	10	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV01A6
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Lead	5.2 J	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AA
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Selenium	0.40 B	0.54	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AC
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Thallium	0.036 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AD
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Antimony	0.024 B	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AE
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Vanadium	6.6	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AF
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Zinc	24.1	0.54	mg/kg	SW846 6020	05/16-05/24/07	JWMV01AG
		Dilution Factor: 1		Analysis Time..: 21:05	MS Run #.....: 7136019	
Prep Batch #...: 7149227						
Mercury	0.012 B	0.036	mg/kg	SW846 7471A	05/29/07	JWMV01AH
		Dilution Factor: 1		Analysis Time..: 17:28	MS Run #.....: 7149155	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 009 AETP-16 (14.5-15')

General Chemistry

Lot-Sample #...: C7E100155-009 **Work Order #...:** JWMV0 **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
% Moisture.....: 7.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.7**		**%**	**MCAWW 160.3 MOD**	**05/10-05/11/07**	**7130339**

Dilution Factor: 1 Analysis Time..: 10:10 MS Run #.....: 7130199

Langan Engineering & Environmental Srvcs

Client Sample ID: 010 AETP-17 (1.5-2')

GC/MS Volatiles

Lot-Sample #...: C7E100155-010 **Work Order #...:** JWMV11AJ **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:**
Prep Date.....: 05/16/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7136651 **Analysis Time..:** 01:06
Dilution Factor: 1.05
% Moisture.....: 8.5 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	23	ug/kg
Benzene	ND	5.7	ug/kg
Bromodichloromethane	ND	5.7	ug/kg
Bromoform	ND	5.7	ug/kg
Bromomethane	ND	5.7	ug/kg
2-Butanone	ND	5.7	ug/kg
Carbon disulfide	ND	5.7	ug/kg
Carbon tetrachloride	ND	5.7	ug/kg
Chlorobenzene	ND	5.7	ug/kg
Chloroethane	ND	5.7	ug/kg
Chloroform	ND	5.7	ug/kg
Chloromethane	ND	5.7	ug/kg
Cyclohexane	ND	5.7	ug/kg
Dibromochloromethane	ND	5.7	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.7	ug/kg
1,2-Dibromoethane	ND	5.7	ug/kg
1,3-Dichlorobenzene	ND	5.7	ug/kg
1,4-Dichlorobenzene	ND	5.7	ug/kg
1,2-Dichlorobenzene	ND	5.7	ug/kg
Dichlorodifluoromethane	ND	5.7	ug/kg
1,1-Dichloroethane	ND	5.7	ug/kg
1,2-Dichloroethane	ND	5.7	ug/kg
1,1-Dichloroethene	ND	5.7	ug/kg
cis-1,2-Dichloroethene	ND	5.7	ug/kg
trans-1,2-Dichloroethene	ND	5.7	ug/kg
1,2-Dichloropropane	ND	5.7	ug/kg
cis-1,3-Dichloropropene	ND	5.7	ug/kg
trans-1,3-Dichloropropene	ND	5.7	ug/kg
Ethylbenzene	ND	5.7	ug/kg
2-Hexanone	ND	5.7	ug/kg
Isopropylbenzene	ND	5.7	ug/kg
Methyl acetate	ND	5.7	ug/kg
Methylene chloride	ND	5.7	ug/kg
Methylcyclohexane	ND	5.7	ug/kg
4-Methyl-2-pentanone	ND	5.7	ug/kg
Methyl tert-butyl ether	ND	5.7	ug/kg
Styrene	ND	5.7	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 010 AETP-17 (1.5-2')

GC/MS Volatiles

Lot-Sample #...: C7E100155-010 **Work Order #...:** JWMV11AJ **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg
1,2,4-Trichloro-benzene	ND	5.7	ug/kg
Tetrachloroethene	ND	5.7	ug/kg
1,1,1-Trichloroethane	ND	5.7	ug/kg
1,1,2-Trichloroethane	ND	5.7	ug/kg
Trichloroethene	ND	5.7	ug/kg
Trichlorofluoromethane	ND	5.7	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg
Toluene	ND	5.7	ug/kg
Vinyl chloride	ND	5.7	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	77	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	87	(63 - 120)
Dibromofluoromethane	82	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 010 AETP-17 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-010 **Work Order #...:** JWMV11AK **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134005
Prep Date.....: 05/14/07 **Analysis Date..:** 05/31/07
Prep Batch #...: 7134013 **Analysis Time..:** 16:12
Dilution Factor: 2
% Moisture.....: 8.5 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	720	ug/kg
Atrazine	ND	720	ug/kg
Benzaldehyde	ND	720	ug/kg
1,1'-Biphenyl	ND	720	ug/kg
bis(2-Chloroethoxy) methane	ND	720	ug/kg
bis(2-Chloroethyl)-ether	ND	720	ug/kg
bis(2-Ethylhexyl) phthalate	ND	720	ug/kg
4-Bromophenyl phenyl ether	ND	720	ug/kg
Butyl benzyl phthalate	ND	720	ug/kg
Caprolactam	ND	720	ug/kg
Carbazole	ND	720	ug/kg
4-Chloroaniline	ND	720	ug/kg
4-Chloro-3-methylphenol	ND	720	ug/kg
2-Chloronaphthalene	ND	720	ug/kg
2-Chlorophenol	ND	720	ug/kg
4-Chlorophenyl phenyl ether	ND	720	ug/kg
Dibenzofuran	ND	720	ug/kg
3,3'-Dichlorobenzidine	ND	3500	ug/kg
2,4-Dichlorophenol	ND	720	ug/kg
Diethyl phthalate	ND	720	ug/kg
2,4-Dimethylphenol	ND	720	ug/kg
Dimethyl phthalate	ND	720	ug/kg
Di-n-butyl phthalate	ND	720	ug/kg
4,6-Dinitro-2-methylphenol	ND	3500	ug/kg
2,4-Dinitrophenol	ND	3500	ug/kg
2,4-Dinitrotoluene	ND	720	ug/kg
2,6-Dinitrotoluene	ND	720	ug/kg
Di-n-octyl phthalate	ND	720	ug/kg
Hexachlorobenzene	ND	720	ug/kg
Hexachlorobutadiene	ND	720	ug/kg
Hexachlorocyclopenta-diene	ND	3500	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 010 AETP-17 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-010 **Work Order #...:** JWMV11AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	720	ug/kg
Isophorone	ND	720	ug/kg
2-Methylnaphthalene	ND	720	ug/kg
2-Methylphenol	ND	720	ug/kg
4-Methylphenol	ND	720	ug/kg
2-Nitroaniline	ND	3500	ug/kg
3-Nitroaniline	ND	3500	ug/kg
4-Nitroaniline	ND	3500	ug/kg
Nitrobenzene	ND	720	ug/kg
2-Nitrophenol	ND	720	ug/kg
4-Nitrophenol	ND	3500	ug/kg
N-Nitrosodi-n-propyl-amine	ND	720	ug/kg
N-Nitrosodiphenylamine	ND	720	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	720	ug/kg
Pentachlorophenol	ND	3500	ug/kg
Phenol	ND	720	ug/kg
2,4,5-Trichloro-phenol	ND	720	ug/kg
2,4,6-Trichloro-phenol	ND	720	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	71	(21 - 144)
2-Fluorobiphenyl	72	(26 - 128)
2-Fluorophenol	70	(34 - 115)
Nitrobenzene-d5	72	(30 - 118)
Phenol-d5	65	(35 - 117)
Terphenyl-d14	99	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 010 AETP-17 (1.5-2')

GC/MS Semivolatiles

Lot-Sample #...:	C7E100155-010	Work Order #...:	JWMV11AL	Matrix.....:	SOLID
Date Sampled...:	05/09/07	Date Received..:	05/10/07	MS Run #.....:	7134006
Prep Date.....:	05/14/07	Analysis Date..:	05/15/07		
Prep Batch #...:	7134014	Analysis Time..:	07:30		
Dilution Factor:	1				
% Moisture.....:	8.5	Method.....:	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	4.9 J	7.3	ug/kg
Acenaphthylene	12	7.3	ug/kg
Acenaphthene	8.5	7.3	ug/kg
Fluorene	6.3 J	7.3	ug/kg
Phenanthrene	56	7.3	ug/kg
Anthracene	20	7.3	ug/kg
Fluoranthene	110	7.3	ug/kg
Pyrene	130	7.3	ug/kg
Benzo(a)anthracene	94	7.3	ug/kg
Chrysene	100	7.3	ug/kg
Benzo(b)fluoranthene	140	7.3	ug/kg
Benzo(k)fluoranthene	56	7.3	ug/kg
Benzo(a)pyrene	110	7.3	ug/kg
Indeno(1,2,3-cd)pyrene	94	7.3	ug/kg
Dibenzo(a,h)anthracene	28	7.3	ug/kg
Benzo(ghi)perylene	120	7.3	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 010 AETP-17 (1.5-2')

GC Semivolatiles

Lot-Sample #...: C7E100155-010
Date Sampled...: 05/09/07
Prep Date.....: 05/15/07
Prep Batch #...: 7135012
Dilution Factor: 1
% Moisture.....: 8.5

Work Order #...: JWMV11A7
Date Received..: 05/10/07
Analysis Date..: 05/15/07
Analysis Time..: 21:13

Method.....: SW846 8082

Matrix.....: SOLID
MS Run #.....: 7135002

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	18	ug/kg
Aroclor 1221	ND	18	ug/kg
Aroclor 1232	ND	18	ug/kg
Aroclor 1242	ND	18	ug/kg
Aroclor 1248	ND	18	ug/kg
Aroclor 1254	ND	18	ug/kg
Aroclor 1260	**34**	**18**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(31 - 127)
Decachlorobiphenyl	87	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 010 AETP-17 (1.5-2')

TOTAL Metals

Lot-Sample #...: C7E100155-010
Date Sampled...: 05/09/07 Date Received..: 05/10/07
% Moisture.....: 8.5
Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136035						
Silver	0.048 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AN
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Aluminum	13700	3.3	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AP
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Arsenic	3.8	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AQ
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Barium	85.4	1.1	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AR
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Beryllium	1.4	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AT
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Calcium	50800	10.9	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AU
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Cadmium	0.47	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AV
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Cobalt	4.6	0.055	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AW
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Chromium	270	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AX
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Copper	11.3	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMV11A0
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Iron	26100 J	5.5	mg/kg	SW846 6020	05/16-05/24/07	JWMV11A1
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Potassium	871	10.9	mg/kg	SW846 6020	05/16-05/24/07	JWMV11A2
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 010 AETP-17 (1.5-2')

TOTAL Metals

Lot-Sample #...: C7E100155-010 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	15000	10.9	mg/kg	SW846 6020	05/16-05/24/07	JWMV11A3
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Manganese	4440 J	0.055	mg/kg	SW846 6020	05/16-05/24/07	JWMV11A4
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Sodium	586	10.9	mg/kg	SW846 6020	05/16-05/24/07	JWMV11A5
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Nickel	9.8	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV11A6
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Lead	62.9 J	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AA
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Selenium	0.98	0.55	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AC
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Thallium	0.040 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AD
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Antimony	0.051 B	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AE
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Vanadium	80.7	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AF
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	
Zinc	67.6	0.55	mg/kg	SW846 6020	05/16-05/24/07	JWMV11AG
		Dilution Factor: 1		Analysis Time..: 21:09	MS Run #.....: 7136019	

Prep Batch #...: 7149227

Mercury	ND	0.036	mg/kg	SW846 7471A	05/29/07	JWMV11AH
		Dilution Factor: 1		Analysis Time..: 17:30	MS Run #.....: 7149155	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 010 AETP-17 (1.5-2')

General Chemistry

Lot-Sample #...: C7E100155-010 **Work Order #...:** JWMV1 **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
% Moisture.....: 8.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.5**		**%**	**MCAWW 160.3 MOD**	**05/10-05/11/07**	**7130339**

Dilution Factor: 1 Analysis Time..: 10:10 MS Run #.....: 7130199

Langan Engineering & Environmental Srvcs

Client Sample ID: 011 AETP-17 (14.5-15')

GC/MS Volatiles

Lot-Sample #...: C7E100155-011 **Work Order #...:** JWMV21AJ **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:**
Prep Date.....: 05/16/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7136651 **Analysis Time..:** 01:30
Dilution Factor: 1.1
% Moisture.....: 9.8 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	24	ug/kg
Benzene	ND	6.1	ug/kg
Bromodichloromethane	ND	6.1	ug/kg
Bromoform	ND	6.1	ug/kg
Bromomethane	ND	6.1	ug/kg
2-Butanone	ND	6.1	ug/kg
Carbon disulfide	ND	6.1	ug/kg
Carbon tetrachloride	ND	6.1	ug/kg
Chlorobenzene	ND	6.1	ug/kg
Chloroethane	ND	6.1	ug/kg
Chloroform	ND	6.1	ug/kg
Chloromethane	ND	6.1	ug/kg
Cyclohexane	ND	6.1	ug/kg
Dibromochloromethane	ND	6.1	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.1	ug/kg
1,2-Dibromoethane	ND	6.1	ug/kg
1,3-Dichlorobenzene	ND	6.1	ug/kg
1,4-Dichlorobenzene	ND	6.1	ug/kg
1,2-Dichlorobenzene	ND	6.1	ug/kg
Dichlorodifluoromethane	ND	6.1	ug/kg
1,1-Dichloroethane	ND	6.1	ug/kg
1,2-Dichloroethane	ND	6.1	ug/kg
1,1-Dichloroethene	ND	6.1	ug/kg
cis-1,2-Dichloroethene	ND	6.1	ug/kg
trans-1,2-Dichloroethene	ND	6.1	ug/kg
1,2-Dichloropropane	ND	6.1	ug/kg
cis-1,3-Dichloropropene	ND	6.1	ug/kg
trans-1,3-Dichloropropene	ND	6.1	ug/kg
Ethylbenzene	ND	6.1	ug/kg
2-Hexanone	ND	6.1	ug/kg
Isopropylbenzene	ND	6.1	ug/kg
Methyl acetate	ND	6.1	ug/kg
Methylene chloride	ND	6.1	ug/kg
Methylcyclohexane	ND	6.1	ug/kg
4-Methyl-2-pentanone	ND	6.1	ug/kg
Methyl tert-butyl ether	ND	6.1	ug/kg
Styrene	ND	6.1	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 011 AETP-17 (14.5-15')

GC/MS Volatiles

Lot-Sample #...: C7E100155-011 **Work Order #...:** JWMV21AJ **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg
1,2,4-Trichloro-benzene	ND	6.1	ug/kg
Tetrachloroethene	ND	6.1	ug/kg
1,1,1-Trichloroethane	ND	6.1	ug/kg
1,1,2-Trichloroethane	ND	6.1	ug/kg
Trichloroethene	ND	6.1	ug/kg
Trichlorofluoromethane	ND	6.1	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.1	ug/kg
Toluene	ND	6.1	ug/kg
Vinyl chloride	ND	6.1	ug/kg
Xylenes (total)	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	68	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	88	(63 - 120)
Dibromofluoromethane	82	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 011 AETP-17 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-011 **Work Order #...:** JWMV21AK **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **MS Run #.....:** 7134005
Prep Date.....: 05/14/07 **Analysis Date..:** 06/02/07
Prep Batch #...: 7134013 **Analysis Time..:** 08:09
Dilution Factor: 1
% Moisture.....: 9.8 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	370	ug/kg
Atrazine	ND	370	ug/kg
Benzaldehyde	ND	370	ug/kg
1,1'-Biphenyl	ND	370	ug/kg
bis(2-Chloroethoxy) methane	ND	370	ug/kg
bis(2-Chloroethyl)-ether	ND	370	ug/kg
bis(2-Ethylhexyl) phthalate	ND	370	ug/kg
4-Bromophenyl phenyl ether	ND	370	ug/kg
Butyl benzyl phthalate	ND	370	ug/kg
Caprolactam	ND	370	ug/kg
Carbazole	ND	370	ug/kg
4-Chloroaniline	ND	370	ug/kg
4-Chloro-3-methylphenol	ND	370	ug/kg
2-Chloronaphthalene	ND	370	ug/kg
2-Chlorophenol	ND	370	ug/kg
4-Chlorophenyl phenyl ether	ND	370	ug/kg
Dibenzofuran	ND	370	ug/kg
3,3'-Dichlorobenzidine	ND	1800	ug/kg
2,4-Dichlorophenol	ND	370	ug/kg
Diethyl phthalate	ND	370	ug/kg
2,4-Dimethylphenol	ND	370	ug/kg
Dimethyl phthalate	ND	370	ug/kg
Di-n-butyl phthalate	ND	370	ug/kg
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg
2,4-Dinitrophenol	ND	1800	ug/kg
2,4-Dinitrotoluene	ND	370	ug/kg
2,6-Dinitrotoluene	ND	370	ug/kg
Di-n-octyl phthalate	ND	370	ug/kg
Hexachlorobenzene	ND	370	ug/kg
Hexachlorobutadiene	ND	370	ug/kg
Hexachlorocyclopenta-diene	ND	1800	ug/kg

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Langan Engineering & Environmental Srvcs

Client Sample ID: 011 AETP-17 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-011 **Work Order #...:** JWMV21AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	370	ug/kg
Isophorone	ND	370	ug/kg
2-Methylnaphthalene	ND	370	ug/kg
2-Methylphenol	ND	370	ug/kg
4-Methylphenol	ND	370	ug/kg
2-Nitroaniline	ND	1800	ug/kg
3-Nitroaniline	ND	1800	ug/kg
4-Nitroaniline	ND	1800	ug/kg
Nitrobenzene	ND	370	ug/kg
2-Nitrophenol	ND	370	ug/kg
4-Nitrophenol	ND	1800	ug/kg
N-Nitrosodi-n-propyl-amine	ND	370	ug/kg
N-Nitrosodiphenylamine	ND	370	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	370	ug/kg
Pentachlorophenol	ND	1800	ug/kg
Phenol	ND	370	ug/kg
2,4,5-Trichloro-phenol	ND	370	ug/kg
2,4,6-Trichloro-phenol	ND	370	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	60	(21 - 144)
2-Fluorobiphenyl	63	(26 - 128)
2-Fluorophenol	70	(34 - 115)
Nitrobenzene-d5	69	(30 - 118)
Phenol-d5	63	(35 - 117)
Terphenyl-d14	84	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 011 AETP-17 (14.5-15')

GC/MS Semivolatiles

Lot-Sample #...:	C7E100155-011	**Work Order #...:**	JWMV21AL	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7134006
Prep Date.....:	05/14/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7134014	**Analysis Time..:**	07:58		
Dilution Factor:	1				
% Moisture.....:	9.8	**Method.....:**	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	ND	7.4	ug/kg
Acenaphthylene	ND	7.4	ug/kg
Acenaphthene	ND	7.4	ug/kg
Fluorene	ND	7.4	ug/kg
Phenanthrene	**5.0 J**	**7.4**	**ug/kg**
Anthracene	ND	7.4	ug/kg
Fluoranthene	**3.2 J**	**7.4**	**ug/kg**
Pyrene	**3.3 J**	**7.4**	**ug/kg**
Benzo(a)anthracene	**2.3 J**	**7.4**	**ug/kg**
Chrysene	**2.4 J**	**7.4**	**ug/kg**
Benzo(b)fluoranthene	**3.6 J**	**7.4**	**ug/kg**
Benzo(k)fluoranthene	ND	7.4	ug/kg
Benzo(a)pyrene	**2.5 J**	**7.4**	**ug/kg**
Indeno(1,2,3-cd)pyrene	**2.4 J**	**7.4**	**ug/kg**
Dibenzo(a,h)anthracene	ND	7.4	ug/kg
Benzo(ghi)perylene	**2.9 J**	**7.4**	**ug/kg**

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 011 AETP-17 (14.5-15')

GC Semivolatiles

Lot-Sample #...:	C7E100155-011	**Work Order #...:**	JWMV21A7	**Matrix.....:**	SOLID
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7135002
Prep Date.....:	05/15/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7135012	**Analysis Time..:**	21:36		
Dilution Factor:	1				
% Moisture.....:	9.8	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	18	ug/kg
Aroclor 1221	ND	18	ug/kg
Aroclor 1232	ND	18	ug/kg
Aroclor 1242	ND	18	ug/kg
Aroclor 1248	ND	18	ug/kg
Aroclor 1254	ND	18	ug/kg
Aroclor 1260	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(31 - 127)
Decachlorobiphenyl	91	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Srvcs

Client Sample ID: 011 AETP-17 (14.5-15')

TOTAL Metals

Lot-Sample #...: C7E100155-011
Date Sampled...: 05/09/07 Date Received..: 05/10/07
% Moisture.....: 9.8
Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136035						
Silver	0.0095 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AN
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Aluminum	4610	3.3	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AP
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Arsenic	4.4	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AQ
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Barium	15.4	1.1	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AR
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Beryllium	0.59	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AT
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Calcium	1890	11.1	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AU
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Cadmium	0.071 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AV
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Cobalt	2.8	0.055	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AW
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Chromium	38.5	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AX
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Copper	4.7	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMV21A0
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Iron	16600 J	5.5	mg/kg	SW846 6020	05/16-05/24/07	JWMV21A1
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Potassium	1700	11.1	mg/kg	SW846 6020	05/16-05/24/07	JWMV21A2
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 011 AETP-17 (14.5-15')

TOTAL Metals

Lot-Sample #...: C7E100155-011 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1720	11.1	mg/kg	SW846 6020	05/16-05/24/07	JWMV21A3
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Manganese	207 J	0.055	mg/kg	SW846 6020	05/16-05/24/07	JWMV21A4
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Sodium	44.9	11.1	mg/kg	SW846 6020	05/16-05/24/07	JWMV21A5
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Nickel	5.8	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV21A6
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Lead	3.9 J	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AA
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Selenium	0.27 B	0.55	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AC
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Thallium	0.026 B	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AD
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Antimony	0.041 B	0.22	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AE
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Vanadium	17.5	0.11	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AF
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Zinc	21.7	0.55	mg/kg	SW846 6020	05/16-05/24/07	JWMV21AG
		Dilution Factor: 1		Analysis Time..: 21:13	MS Run #.....: 7136019	
Prep Batch #...: 7149227						
Mercury	0.0092 B	0.037	mg/kg	SW846 7471A	05/29/07	JWMV21AH
		Dilution Factor: 1		Analysis Time..: 17:35	MS Run #.....: 7149155	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 011 AETP-17 (14.5-15')

General Chemistry

Lot-Sample #...: C7E100155-011 **Work Order #...:** JWMV2 **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
% Moisture.....: 9.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.2**		**%**	**MCAWW 160.3 MOD**	**05/10-05/11/07**	**7130339**

Dilution Factor: 1 Analysis Time..: 10:10 MS Run #.....: 7130199

Langan Engineering & Environmental Srvcs

Client Sample ID: 012 FB-1

GC/MS Volatiles

Lot-Sample #...: C7E100155-012
Date Sampled...: 05/09/07
Prep Date.....: 05/21/07
Prep Batch #...: 7141249
Dilution Factor: 1

Work Order #...: JWMV31AD
Date Received..: 05/10/07
Analysis Date..: 05/21/07
Analysis Time..: 12:54

Matrix.....: WATER
MS Run #.....: 7141145

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	5.0	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	1.0	ug/L
Methylene chloride	**0.39 J,B**	**1.0**	**ug/L**
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Styrene	ND	1.0	ug/L

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Langan Engineering & Environmental Srvcs

Client Sample ID: 012 FB-1

GC/MS Volatiles

Lot-Sample #...: C7E100155-012 **Work Order #...:** JWMV31AD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(71 - 118)
1,2-Dichloroethane-d4	105	(64 - 135)
4-Bromofluorobenzene	94	(70 - 118)
Dibromofluoromethane	104	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: 012 FB-1

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-012
Date Sampled...: 05/09/07
Prep Date.....: 05/15/07
Prep Batch #...: 7135234
Dilution Factor: 0.95

Work Order #...: JWMV31AA
Date Received..: 05/10/07
Analysis Date..: 05/28/07
Analysis Time..: 08:30

Matrix.....: WATER
MS Run #.....:

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	9.5	ug/L
Atrazine	ND	9.5	ug/L
Benzaldehyde	ND	9.5	ug/L
1,1'-Biphenyl	ND	9.5	ug/L
bis(2-Chloroethoxy) methane	ND	9.5	ug/L
bis(2-Chloroethyl)-ether	ND	9.5	ug/L
bis(2-Ethylhexyl) phthalate	ND	9.5	ug/L
4-Bromophenyl phenyl ether	ND	9.5	ug/L
Butyl benzyl phthalate	ND	9.5	ug/L
Caprolactam	ND	9.5	ug/L
Carbazole	ND	9.5	ug/L
4-Chloroaniline	ND	9.5	ug/L
4-Chloro-3-methylphenol	ND	9.5	ug/L
2-Chloronaphthalene	ND	9.5	ug/L
2-Chlorophenol	ND	9.5	ug/L
4-Chlorophenyl phenyl ether	ND	9.5	ug/L
Dibenzofuran	ND	9.5	ug/L
3,3'-Dichlorobenzidine	ND	48	ug/L
2,4-Dichlorophenol	ND	9.5	ug/L
Diethyl phthalate	ND	9.5	ug/L
2,4-Dimethylphenol	ND	9.5	ug/L
Dimethyl phthalate	ND	9.5	ug/L
Di-n-butyl phthalate	ND	9.5	ug/L
4,6-Dinitro-2-methylphenol	ND	48	ug/L
2,4-Dinitrophenol	ND	48	ug/L
2,4-Dinitrotoluene	ND	9.5	ug/L
2,6-Dinitrotoluene	ND	9.5	ug/L
Di-n-octyl phthalate	ND	9.5	ug/L
Hexachlorobenzene	ND	9.5	ug/L
Hexachlorobutadiene	ND	9.5	ug/L
Hexachlorocyclopenta-diene	ND	48	ug/L

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Langan Engineering & Environmental Srvcs

Client Sample ID: 012 FB-1

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-012 **Work Order #...:** JWMV31AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	9.5	ug/L
Isophorone	ND	9.5	ug/L
2-Methylnaphthalene	ND	9.5	ug/L
2-Methylphenol	ND	9.5	ug/L
4-Methylphenol	ND	9.5	ug/L
2-Nitroaniline	ND	48	ug/L
3-Nitroaniline	ND	48	ug/L
4-Nitroaniline	ND	48	ug/L
Nitrobenzene	ND	9.5	ug/L
2-Nitrophenol	ND	9.5	ug/L
4-Nitrophenol	ND	48	ug/L
N-Nitrosodi-n-propyl-amine	ND	9.5	ug/L
N-Nitrosodiphenylamine	ND	9.5	ug/L
2,2'-oxybis(1-Chloropropane)	ND	9.5	ug/L
Pentachlorophenol	ND	48	ug/L
Phenol	ND	9.5	ug/L
2,4,5-Trichloro-phenol	ND	9.5	ug/L
2,4,6-Trichloro-phenol	ND	9.5	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	70	(19 - 138)
2-Fluorobiphenyl	64	(35 - 115)
2-Fluorophenol	72	(10 - 118)
Nitrobenzene-d5	69	(39 - 115)
Phenol-d5	82	(18 - 115)
Terphenyl-d14	103	(17 - 129)

Langan Engineering & Environmental Srvcs

Client Sample ID: 012 FB-1

GC/MS Semivolatiles

Lot-Sample #...: C7E100155-012
Date Sampled...: 05/09/07
Prep Date.....: 05/15/07
Prep Batch #...: 7135237
Dilution Factor: 0.95

Work Order #...: JWMV31AC
Date Received..: 05/10/07
Analysis Date..: 05/19/07
Analysis Time..: 04:58

Matrix.....: WATER
MS Run #.....:

Method.....: SW846 8270C SIM

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	**0.065 J**	**0.19**	**ug/L**
Acenaphthylene	ND	0.19	ug/L
Acenaphthene	ND	0.19	ug/L
Fluorene	ND	0.19	ug/L
Phenanthrene	ND	0.19	ug/L
Anthracene	ND	0.19	ug/L
Fluoranthene	ND	0.19	ug/L
Pyrene	ND	0.19	ug/L
Benzo(a)anthracene	**0.023 J**	**0.19**	**ug/L**
Chrysene	ND	0.19	ug/L
Benzo(b)fluoranthene	ND	0.19	ug/L
Benzo(k)fluoranthene	ND	0.19	ug/L
Benzo(a)pyrene	ND	0.19	ug/L
Indeno(1,2,3-cd)pyrene	ND	0.19	ug/L
Dibenzo(a,h)anthracene	ND	0.19	ug/L
Benzo(ghi)perylene	ND	0.19	ug/L

NOTE(S):

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Srvcs

Client Sample ID: 012 FB-1

GC Semivolatiles

Lot-Sample #...: C7E100155-012
Date Sampled...: 05/09/07
Prep Date.....: 05/11/07
Prep Batch #...: 7131457
Dilution Factor: 0.95

Work Order #...: JWMV31AE
Date Received..: 05/10/07
Analysis Date..: 05/16/07
Analysis Time..: 14:33

Matrix.....: WATER
MS Run #.....:

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	0.38	ug/L
Aroclor 1221	ND	0.38	ug/L
Aroclor 1232	ND	0.38	ug/L
Aroclor 1242	ND	0.38	ug/L
Aroclor 1248	ND	0.38	ug/L
Aroclor 1254	ND	0.38	ug/L
Aroclor 1260	ND	0.38	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(45 - 120)
Decachlorobiphenyl	92	(24 - 128)

Langan Engineering & Environmental Srvcs

Client Sample ID: 012 FB-1

TOTAL Metals

Lot-Sample #...: C7E100155-012 **Matrix.....:** WATER
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136037						
Silver	ND	1.0	ug/L	SW846 6020	05/16-05/24/07	JWMV31AF
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Aluminum	**16.2 B,J**	**30.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31AG**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Arsenic	**0.37 B**	**1.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31AH**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Barium	**0.25 B**	**10.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31AJ**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Beryllium	ND	1.0	ug/L	SW846 6020	05/16-05/24/07	JWMV31AK
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Calcium	**34.2 B,J**	**100**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31AL**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Cadmium	ND	1.0	ug/L	SW846 6020	05/16-05/24/07	JWMV31AM
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Cobalt	**0.044 B**	**0.50**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31AN**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Chromium	**6.3 J**	**2.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31AP**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Copper	**0.22 B,J**	**2.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31AQ**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Iron	ND	50.0	ug/L	SW846 6020	05/16-05/24/07	JWMV31AR
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Potassium	**7.9 B,J**	**100**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31AT**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	

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Langan Engineering & Environmental Srvcs

Client Sample ID: 012 FB-1

TOTAL Metals

Lot-Sample #...: C7E100155-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**6.8 B**	**100**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31AU**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Manganese	**0.29 B,J**	**0.50**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31AV**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Sodium	**76.4 B**	**100**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31AW**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Nickel	ND	1.0	ug/L	SW846 6020	05/16-05/24/07	JWMV31AX
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Lead	**0.025 B**	**1.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31A0**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Selenium	ND	5.0	ug/L	SW846 6020	05/16-05/24/07	JWMV31A1
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Thallium	**0.24 B**	**1.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31A2**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Antimony	**0.12 B**	**2.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31A3**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Vanadium	**7.8 J**	**1.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31A4**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	
Zinc	**1.9 B**	**5.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JWMV31A5**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....:	

Prep Batch #...: 7145014

Mercury	ND	0.20	ug/L	SW846 7470A	05/25/07	JWMV31A6
		Dilution Factor: 1		Analysis Time..: 09:55	MS Run #.....: 7145005	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Srvcs

Client Sample ID: TB-1

GC/MS Volatiles

Lot-Sample #...: C7E100155-013
Date Sampled...: 05/09/07
Prep Date.....: 05/21/07
Prep Batch #...: 7141249
Dilution Factor: 1

Work Order #...: JWMV41AA
Date Received..: 05/10/07
Analysis Date..: 05/21/07
Analysis Time..: 13:17

Matrix.....: WATER
MS Run #.....: 7141145

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	5.0	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	1.0	ug/L
Methylene chloride	**0.43 J,B**	**1.0**	**ug/L**
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Styrene	ND	1.0	ug/L

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Langan Engineering & Environmental Srvcs

Client Sample ID: TB-1

GC/MS Volatiles

Lot-Sample #...: C7E100155-013 **Work Order #...:** JWMV41AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	93	(71 - 118)
1,2-Dichloroethane-d4	114	(64 - 135)
4-Bromofluorobenzene	99	(70 - 118)
Dibromofluoromethane	111	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7E100155 **Work Order #...:** JW2E11AA **Matrix.....:** SOLID
MB Lot-Sample #: C7E160000-077

Prep Date.....: 05/16/07 **Analysis Time..:** 05:48
Analysis Date..: 05/16/07 **Prep Batch #...:** 7136077
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**1.5 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7E100155 **Work Order #...:** JW2E11AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	86	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

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GC/MS Volatiles

Client Lot #...: C7E100155 **Work Order #...:** JW4711AA **Matrix.....:** SOLID
MB Lot-Sample #: C7E160000-651

Prep Date.....: 05/16/07 **Analysis Time..:** 17:09
Analysis Date..: 05/16/07 **Prep Batch #...:** 7136651
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**0.94 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: C7E100155 **Work Order #...:** JW4711AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	75	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	90	(63 - 120)
Dibromofluoromethane	84	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

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GC/MS Volatiles

Client Lot #...: C7E100155 **Work Order #...:** JXDJA1AA **Matrix.....:** WATER
MB Lot-Sample #: C7E210000-249

Prep Date.....: 05/21/07 **Analysis Time..:** 09:49
Analysis Date..: 05/21/07 **Prep Batch #...:** 7141249
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	5.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	1.0	ug/L	SW846 8260B
Methylene chloride	**0.28 J**	**1.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7E100155 **Work Order #...:** JXDJA1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(71 - 118)
1,2-Dichloroethane-d4	104	(64 - 135)
4-Bromofluorobenzene	100	(70 - 118)
Dibromofluoromethane	115	(64 - 128)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JWWLJ1AA **Matrix.....:** SOLID
MB Lot-Sample #: C7E140000-013

Prep Date.....: 05/14/07 **Analysis Time..:** 05:40
Analysis Date..: 05/31/07 **Prep Batch #...:** 7134013
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetophenone	ND	330	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Benzaldehyde	ND	330	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	330	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	330	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	330	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	330	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	330	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Dibenzofuran	ND	330	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1600	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	330	ug/kg	SW846 8270C
Diethyl phthalate	ND	330	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	330	ug/kg	SW846 8270C
Dimethyl phthalate	ND	330	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	330	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	1600	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	330	ug/kg	SW846 8270C
Hexachlorobenzene	ND	330	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	330	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	1600	ug/kg	SW846 8270C
Hexachloroethane	ND	330	ug/kg	SW846 8270C
Isophorone	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	330	ug/kg	SW846 8270C

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GC/MS Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JWWLJ1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Methylphenol	ND	330	ug/kg	SW846 8270C
4-Methylphenol	ND	330	ug/kg	SW846 8270C
2-Nitroaniline	ND	1600	ug/kg	SW846 8270C
3-Nitroaniline	ND	1600	ug/kg	SW846 8270C
4-Nitroaniline	ND	1600	ug/kg	SW846 8270C
Nitrobenzene	ND	330	ug/kg	SW846 8270C
2-Nitrophenol	ND	330	ug/kg	SW846 8270C
4-Nitrophenol	ND	1600	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	330	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	330	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	330	ug/kg	SW846 8270C
Pentachlorophenol	ND	1600	ug/kg	SW846 8270C
Phenol	ND	330	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	330	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	70	(21 - 144)
2-Fluorobiphenyl	60	(26 - 128)
2-Fluorophenol	62	(34 - 115)
Nitrobenzene-d5	60	(30 - 118)
Phenol-d5	65	(35 - 117)
Terphenyl-d14	87	(40 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JW0121AA **Matrix.....:** WATER
MB Lot-Sample #: C7E150000-234

Prep Date.....: 05/15/07 **Analysis Time..:** 07:06
Analysis Date..: 05/28/07 **Prep Batch #...:** 7135234
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetophenone	ND	10	ug/L	SW846 8270C
Atrazine	ND	10	ug/L	SW846 8270C
Benzaldehyde	ND	10	ug/L	SW846 8270C
1,1'-Biphenyl	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
Caprolactam	ND	10	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JW0121AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Methylphenol	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	64	(19 - 138)
2-Fluorobiphenyl	64	(35 - 115)
2-Fluorophenol	72	(10 - 118)
Nitrobenzene-d5	61	(39 - 115)
Phenol-d5	79	(18 - 115)
Terphenyl-d14	91	(17 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JWWLK1AA **Matrix.....:** SOLID
MB Lot-Sample #: C7E140000-014

Prep Date.....: 05/14/07 **Analysis Time..:** 02:51
Analysis Date..: 05/15/07 **Prep Batch #...:** 7134014
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Naphthalene	ND	6.7	ug/kg	SW846 8270C SIM
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C SIM
Acenaphthene	ND	6.7	ug/kg	SW846 8270C SIM
Fluorene	ND	6.7	ug/kg	SW846 8270C SIM
Phenanthrene	ND	6.7	ug/kg	SW846 8270C SIM
Anthracene	ND	6.7	ug/kg	SW846 8270C SIM
Fluoranthene	ND	6.7	ug/kg	SW846 8270C SIM
Pyrene	ND	6.7	ug/kg	SW846 8270C SIM
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C SIM
Chrysene	ND	6.7	ug/kg	SW846 8270C SIM
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C SIM
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C SIM
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C SIM
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C SIM
Dibenzo(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C SIM
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C SIM

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JW02C1AA **Matrix.....:** WATER
MB Lot-Sample #: C7E150000-237

Prep Date.....: 05/15/07 **Analysis Time..:** 04:30
Analysis Date..: 05/19/07 **Prep Batch #...:** 7135237
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Naphthalene	ND	0.20	ug/L	SW846 8270C SIM
Acenaphthylene	ND	0.20	ug/L	SW846 8270C SIM
Acenaphthene	ND	0.20	ug/L	SW846 8270C SIM
Fluorene	ND	0.20	ug/L	SW846 8270C SIM
Phenanthrene	ND	0.20	ug/L	SW846 8270C SIM
Anthracene	ND	0.20	ug/L	SW846 8270C SIM
Fluoranthene	ND	0.20	ug/L	SW846 8270C SIM
Pyrene	ND	0.20	ug/L	SW846 8270C SIM
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C SIM
Chrysene	ND	0.20	ug/L	SW846 8270C SIM
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C SIM
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C SIM
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C SIM
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C SIM
Dibenzo(a,h)anthracene	ND	0.20	ug/L	SW846 8270C SIM
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C SIM

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C7E100155
MB Lot-Sample #: C7E110000-457
Work Order #...: JWTJE1AA
Matrix.....: WATER
Prep Date.....: 05/11/07
Analysis Time..: 02:13
Analysis Date..: 05/16/07
Prep Batch #...: 7131457
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	0.40	ug/L	SW846 8082
Aroclor 1221	ND	0.40	ug/L	SW846 8082
Aroclor 1232	ND	0.40	ug/L	SW846 8082
Aroclor 1242	ND	0.40	ug/L	SW846 8082
Aroclor 1248	ND	0.40	ug/L	SW846 8082
Aroclor 1254	ND	0.40	ug/L	SW846 8082
Aroclor 1260	ND	0.40	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(45 - 120)
Decachlorobiphenyl	87	(24 - 128)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JWX541AA **Matrix.....:** SOLID
MB Lot-Sample #: C7E150000-012

Prep Date.....: 05/15/07 **Analysis Time..:** 21:59
Analysis Date..: 05/15/07 **Prep Batch #...:** 7135012
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8082
Aroclor 1221	ND	17	ug/kg	SW846 8082
Aroclor 1232	ND	17	ug/kg	SW846 8082
Aroclor 1242	ND	17	ug/kg	SW846 8082
Aroclor 1248	ND	17	ug/kg	SW846 8082
Aroclor 1254	ND	17	ug/kg	SW846 8082
Aroclor 1260	ND	17	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(31 - 127)
Decachlorobiphenyl	105	(23 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C7E160000-035 **Prep Batch #...:** 7136035						
Silver	ND	0.10	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AA
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Aluminum	ND	3.0	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AC
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Arsenic	ND	0.10	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AD
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Barium	ND	1.0	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AE
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Beryllium	ND	0.10	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AF
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Calcium	ND	10.0	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AG
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Cadmium	ND	0.10	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AH
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Cobalt	ND	0.050	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AJ
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Chromium	ND	0.20	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AK
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Copper	ND	0.20	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AL
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Iron	**0.96 B**	**5.0**	**mg/kg**	**SW846 6020**	**05/16-05/24/07**	**JW2C31AM**
		Dilution Factor: 1				
		Analysis Time..: 19:58				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	10.0	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AN
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Magnesium	ND	10.0	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AP
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Manganese	**0.017 B**	**0.050**	**mg/kg**	**SW846 6020**	**05/16-05/24/07**	**JW2C31AQ**
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Sodium	ND	10.0	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AR
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Nickel	ND	0.10	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AT
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Lead	**0.0089 B**	**0.10**	**mg/kg**	**SW846 6020**	**05/16-05/24/07**	**JW2C31AU**
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Selenium	ND	0.50	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AV
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Thallium	ND	0.10	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AW
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Antimony	ND	0.20	mg/kg	SW846 6020	05/16-05/24/07	JW2C31AX
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Vanadium	ND	0.10	mg/kg	SW846 6020	05/16-05/24/07	JW2C31A0
		Dilution Factor: 1				
		Analysis Time..: 19:58				
Zinc	ND	0.50	mg/kg	SW846 6020	05/16-05/24/07	JW2C31A1
		Dilution Factor: 1				
		Analysis Time..: 19:58				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C7E290000-227 **Prep Batch #...:** 7149227						
Mercury	ND	0.033	mg/kg	SW846 7471A	05/29/07	JXV421AA
		Dilution Factor: 1				
		Analysis Time..: 16:46				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C7E160000-037 **Prep Batch #...:** 7136037						
Silver	ND	1.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61AA
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Aluminum	**5.9 B**	**30.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JW2C61AC**
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Arsenic	ND	1.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61AD
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Barium	ND	10.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61AE
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Beryllium	ND	1.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61AF
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Calcium	**8.8 B**	**100**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JW2C61AG**
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Cadmium	ND	1.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61AH
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Cobalt	ND	0.50	ug/L	SW846 6020	05/16-05/24/07	JW2C61AJ
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Chromium	**0.82 B**	**2.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JW2C61AK**
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Copper	**0.15 B**	**2.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JW2C61AL**
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Iron	ND	50.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61AM
		Dilution Factor: 1				
		Analysis Time..: 19:25				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**8.6 B**	**100**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JW2C61AN**
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Magnesium	ND	100	ug/L	SW846 6020	05/16-05/24/07	JW2C61AP
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Manganese	**0.28 B**	**0.50**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JW2C61AQ**
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Sodium	ND	100	ug/L	SW846 6020	05/16-05/24/07	JW2C61AR
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Nickel	ND	1.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61AT
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Lead	ND	1.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61AU
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Selenium	ND	5.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61AV
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Thallium	ND	1.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61AW
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Antimony	ND	2.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61AX
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Vanadium	**0.57 B**	**1.0**	**ug/L**	**SW846 6020**	**05/16-05/24/07**	**JW2C61A0**
		Dilution Factor: 1				
		Analysis Time..: 19:25				
Zinc	ND	5.0	ug/L	SW846 6020	05/16-05/24/07	JW2C61A1
		Dilution Factor: 1				
		Analysis Time..: 19:25				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C7E250000-014 **Prep Batch #...:** 7145014						
Mercury	ND	0.20	ug/L	SW846 7470A	05/25/07	JXN741AA

Dilution Factor: 1
Analysis Time..: 09:14

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7E100155 **Work Order #...:** JW2E11AC **Matrix.....:** SOLID
LCS Lot-Sample#: C7E160000-077
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7136077 **Analysis Time..:** 08:34
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**89**	**(77 - 120)**	**SW846 8260B**
Chlorobenzene	**97**	**(79 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**84**	**(59 - 129)**	**SW846 8260B**
Trichloroethene	**88**	**(76 - 119)**	**SW846 8260B**
Toluene	**92**	**(78 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	87	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7E100155 **Work Order #...:** JW4711AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C7E160000-651 JW4711AD-LCSD
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7136651 **Analysis Time..:** 17:44
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**91**	**(77 - 120)**			**SW846 8260B**
	89	**(77 - 120)**	**1.8**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**100**	**(79 - 120)**			**SW846 8260B**
	99	**(79 - 120)**	**0.16**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**87**	**(59 - 129)**			**SW846 8260B**
	85	**(59 - 129)**	**2.9**	**(0-25)**	**SW846 8260B**
Trichloroethene	**91**	**(76 - 119)**			**SW846 8260B**
	90	**(76 - 119)**	**0.95**	**(0-21)**	**SW846 8260B**
Toluene	**97**	**(78 - 124)**			**SW846 8260B**
	94	**(78 - 124)**	**2.6**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	82	(52 - 124)
	84	(52 - 124)
Toluene-d8	99	(72 - 127)
	97	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
	93	(63 - 120)
Dibromofluoromethane	86	(68 - 121)
	87	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7E100155 **Work Order #...:** JXDJA1AC **Matrix.....:** WATER
LCS Lot-Sample#: C7E210000-249
Prep Date.....: 05/21/07 **Analysis Date..:** 05/21/07
Prep Batch #...: 7141249 **Analysis Time..:** 10:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**102**	**(80 - 120)**	**SW846 8260B**
Chlorobenzene	**102**	**(80 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**119**	**(65 - 136)**	**SW846 8260B**
Trichloroethene	**102**	**(73 - 120)**	**SW846 8260B**
Toluene	**104**	**(80 - 123)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(71 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
4-Bromofluorobenzene	93	(70 - 118)
Dibromofluoromethane	105	(64 - 128)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JWWLJ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C7E140000-013
Prep Date.....: 05/14/07 **Analysis Date..:** 05/31/07
Prep Batch #...: 7134013 **Analysis Time..:** 06:09
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,4-Trichloro-benzene	**61**	**(37 - 111)**	**SW846 8270C**
1,4-Dichlorobenzene	**60**	**(36 - 107)**	**SW846 8270C**
Acenaphthene	**64**	**(38 - 112)**	**SW846 8270C**
4-Bromophenyl phenyl ether	**63**	**(46 - 120)**	**SW846 8270C**
Pyrene	**71**	**(43 - 118)**	**SW846 8270C**
Butyl benzyl phthalate	**72**	**(47 - 115)**	**SW846 8270C**
4-Chloro-3-methylphenol	**60**	**(39 - 111)**	**SW846 8270C**
2-Chlorophenol	**61**	**(38 - 109)**	**SW846 8270C**
Naphthalene	**63**	**(44 - 109)**	**SW846 8270C**
2,4-Dinitrotoluene	**59**	**(35 - 117)**	**SW846 8270C**
Hexachloroethane	**62**	**(40 - 106)**	**SW846 8270C**
4-Methylphenol	**76**	**(41 - 117)**	**SW846 8270C**
4-Nitrophenol	**61**	**(30 - 125)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**65**	**(36 - 114)**	**SW846 8270C**
Pentachlorophenol	**71**	**(21 - 127)**	**SW846 8270C**
Phenol	**62**	**(36 - 110)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	76	(21 - 144)
2-Fluorobiphenyl	72	(26 - 128)
2-Fluorophenol	71	(34 - 115)
Nitrobenzene-d5	70	(30 - 118)
Phenol-d5	75	(35 - 117)
Terphenyl-d14	84	(40 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C7E100155 Work Order #...: JW0121AC-LCS Matrix.....: WATER
LCS Lot-Sample#: C7E150000-234 JW0121AD-LCSD
Prep Date.....: 05/15/07 Analysis Date..: 05/28/07
Prep Batch #...: 7135234 Analysis Time..: 07:34
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	66	(39 - 97)			SW846 8270C
	67	(39 - 97)	0.30	(0-32)	SW846 8270C
1,4-Dichlorobenzene	65	(38 - 94)			SW846 8270C
	67	(38 - 94)	3.3	(0-33)	SW846 8270C
Acenaphthene	70	(40 - 97)			SW846 8270C
	71	(40 - 97)	1.7	(0-32)	SW846 8270C
4-Bromophenyl phenyl ether	70	(40 - 105)			SW846 8270C
	75	(40 - 105)	6.9	(0-40)	SW846 8270C
Pyrene	82	(39 - 108)			SW846 8270C
	82	(39 - 108)	0.0	(0-38)	SW846 8270C
Butyl benzyl phthalate	77	(39 - 105)			SW846 8270C
	77	(39 - 105)	0.77	(0-35)	SW846 8270C
4-Chloro-3-methylphenol	72	(38 - 100)			SW846 8270C
	73	(38 - 100)	1.6	(0-32)	SW846 8270C
2-Chlorophenol	69	(38 - 97)			SW846 8270C
	72	(38 - 97)	3.7	(0-31)	SW846 8270C
Naphthalene	68	(38 - 98)			SW846 8270C
	67	(38 - 98)	0.59	(0-39)	SW846 8270C
2,4-Dinitrotoluene	72	(37 - 103)			SW846 8270C
	74	(37 - 103)	3.8	(0-32)	SW846 8270C
Hexachloroethane	63	(35 - 96)			SW846 8270C
	64	(35 - 96)	1.6	(0-43)	SW846 8270C
4-Methylphenol	88	(33 - 106)			SW846 8270C
	90	(33 - 106)	2.3	(0-34)	SW846 8270C
4-Nitrophenol	68	(30 - 112)			SW846 8270C
	66	(30 - 112)	1.8	(0-39)	SW846 8270C
N-Nitrosodi-n-propyl-amine	74	(36 - 102)			SW846 8270C
	76	(36 - 102)	2.6	(0-36)	SW846 8270C
Pentachlorophenol	99	(13 - 120)			SW846 8270C
	103	(13 - 120)	4.1	(0-56)	SW846 8270C
Phenol	71	(36 - 98)			SW846 8270C
	73	(36 - 98)	3.0	(0-35)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JW0121AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C7E150000-234 JW0121AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	70	(19 - 138)
	74	(19 - 138)
2-Fluorobiphenyl	66	(35 - 115)
	67	(35 - 115)
2-Fluorophenol	72	(10 - 118)
	72	(10 - 118)
Nitrobenzene-d5	64	(39 - 115)
	65	(39 - 115)
Phenol-d5	78	(18 - 115)
	79	(18 - 115)
Terphenyl-d14	86	(17 - 129)
	89	(17 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JWTJE1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C7E110000-457 JWTJE1AD-LCSD
Prep Date.....: 05/11/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7131457 **Analysis Time..:** 02:36
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**82**	**(60 - 110)**			**SW846 8082**
	81	**(60 - 110)**	**2.1**	**(0-27)**	**SW846 8082**
Aroclor 1260	**87**	**(60 - 111)**			**SW846 8082**
	87	**(60 - 111)**	**0.12**	**(0-24)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(45 - 120)
	88	(45 - 120)
Decachlorobiphenyl	92	(24 - 128)
	98	(24 - 128)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JWX541AC **Matrix.....:** SOLID
LCS Lot-Sample#: C7E150000-012
Prep Date.....: 05/15/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7135012 **Analysis Time..:** 22:22
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**85**	**(55 - 117)**	**SW846 8082**
Aroclor 1260	**92**	**(54 - 117)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(31 - 127)
Decachlorobiphenyl	100	(23 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C7E160000-035 **Prep Batch #...:** 7136035					
Silver	98	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31A2
		Dilution Factor: 1	Analysis Time..: 20:02		
Aluminum	101	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31A3
		Dilution Factor: 1	Analysis Time..: 20:02		
Arsenic	90	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31A4
		Dilution Factor: 1	Analysis Time..: 20:02		
Barium	98	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31A5
		Dilution Factor: 1	Analysis Time..: 20:02		
Beryllium	89	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31A6
		Dilution Factor: 1	Analysis Time..: 20:02		
Calcium	99	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31A7
		Dilution Factor: 1	Analysis Time..: 20:02		
Cadmium	92	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31A8
		Dilution Factor: 1	Analysis Time..: 20:02		
Cobalt	103	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31A9
		Dilution Factor: 1	Analysis Time..: 20:02		
Chromium	99	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CA
		Dilution Factor: 1	Analysis Time..: 20:02		
Copper	100	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CC
		Dilution Factor: 1	Analysis Time..: 20:02		
Iron	101	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CD
		Dilution Factor: 1	Analysis Time..: 20:02		
Potassium	97	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CE
		Dilution Factor: 1	Analysis Time..: 20:02		
Magnesium	99	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CF
		Dilution Factor: 1	Analysis Time..: 20:02		
Manganese	101	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CG
		Dilution Factor: 1	Analysis Time..: 20:02		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	96	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CH
		Dilution Factor: 1	Analysis Time..: 20:02		
Nickel	99	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CJ
		Dilution Factor: 1	Analysis Time..: 20:02		
Lead	97	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CK
		Dilution Factor: 1	Analysis Time..: 20:02		
Selenium	91	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CL
		Dilution Factor: 1	Analysis Time..: 20:02		
Thallium	97	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CM
		Dilution Factor: 1	Analysis Time..: 20:02		
Antimony	90	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CN
		Dilution Factor: 1	Analysis Time..: 20:02		
Vanadium	101	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CP
		Dilution Factor: 1	Analysis Time..: 20:02		
Zinc	88	(80 - 120)	SW846 6020	05/16-05/24/07	JW2C31CQ
		Dilution Factor: 1	Analysis Time..: 20:02		

LCS Lot-Sample#: C7E290000-227 **Prep Batch #...:** 7149227

Mercury	111	(80 - 120)	SW846 7471A	05/29/07	JXV421AC
		Dilution Factor: 1	Analysis Time..: 16:48		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #...: C7E100155 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP-BATCH #
Silver	101	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	101	(80 - 120)	0.02	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Aluminum	94	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	90	(80 - 120)	4.0	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Arsenic	90	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	91	(80 - 120)	0.74	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Barium	97	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	97	(80 - 120)	0.30	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Beryllium	82	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	82	(80 - 120)	0.07	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Calcium	99	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	99	(80 - 120)	0.36	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Cadmium	93	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	94	(80 - 120)	1.2	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Cobalt	103	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	101	(80 - 120)	1.8	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Chromium	103	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	102	(80 - 120)	0.73	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Copper	103	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	101	(80 - 120)	1.9	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #...: C7E100155 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP-BATCH #
Iron	100	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	98	(80 - 120)	1.3	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Potassium	94	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	93	(80 - 120)	2.0	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Magnesium	95	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	92	(80 - 120)	2.9	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Manganese	101	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	99	(80 - 120)	1.9	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Sodium	95	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	93	(80 - 120)	2.7	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Nickel	101	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	100	(80 - 120)	0.91	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Lead	99	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	100	(80 - 120)	0.70	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Selenium	98	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	103	(80 - 120)	4.6	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Thallium	96	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	99	(80 - 120)	2.2	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Antimony	91	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	91	(80 - 120)	0.19	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #...: C7E100155 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP-BATCH #
Vanadium	104	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	103	(80 - 120)	0.96	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		
Zinc	92	(80 - 120)			SW846 6020	05/16-05/24/07	7136037
	89	(80 - 120)	3.2	(0-20)	SW846 6020	05/16-05/24/07	7136037
		Dilution Factor: 1			Analysis Time..: 19:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C7E250000-014 **Prep Batch #...:** 7145014					
Mercury	96	(80 - 120)	SW846 7470A	05/25/07	JXN741AC
		Dilution Factor: 1	Analysis Time..: 09:16		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	C7E100155	**Work Order #...:**	JWV311A8-MS JWV311A9-MSD	**Matrix.....:**	SOLID
MS Lot-Sample #:	C7E120179-003				
Date Sampled...:	05/10/07	**Date Received..:**	05/12/07	**MS Run #.....:**	7136026
Prep Date.....:	05/16/07	**Analysis Date..:**	05/16/07		
Prep Batch #...:	7136077	**Analysis Time..:**	08:58		
Dilution Factor:	1	**% Moisture.....:**	4.3		

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**91**	**(49 - 141)**			**SW846 8260B**
	93	**(49 - 141)**	**2.0**	**(0-38)**	**SW846 8260B**
Chlorobenzene	**101**	**(47 - 146)**			**SW846 8260B**
	101	**(47 - 146)**	**0.05**	**(0-32)**	**SW846 8260B**
1,1-Dichloroethene	**85**	**(46 - 143)**			**SW846 8260B**
	88	**(46 - 143)**	**3.4**	**(0-36)**	**SW846 8260B**
Trichloroethene	**92**	**(46 - 141)**			**SW846 8260B**
	94	**(46 - 141)**	**2.0**	**(0-35)**	**SW846 8260B**
Toluene	**96**	**(32 - 161)**			**SW846 8260B**
	96	**(32 - 161)**	**0.43**	**(0-54)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	87	(52 - 124)
	90	(52 - 124)
Toluene-d8	97	(72 - 127)
	97	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
	97	(63 - 120)
Dibromofluoromethane	87	(68 - 121)
	90	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7E100155
MS Lot-Sample #: C7E100253-006
Date Sampled...: 05/09/07
Prep Date.....: 05/21/07
Prep Batch #...: 7141249
Dilution Factor: 1

Work Order #...: JWNP51AV-MS
JWNP51AW-MSD
Date Received..: 05/10/07
Analysis Date..: 05/21/07
Analysis Time..: 11:09

Matrix.....: WATER
MS Run #.....: 7141145

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**108**	**(73 - 120)**			**SW846 8260B**
	105	**(73 - 120)**	**2.6**	**(0-32)**	**SW846 8260B**
Chlorobenzene	**103**	**(80 - 120)**			**SW846 8260B**
	102	**(80 - 120)**	**1.1**	**(0-29)**	**SW846 8260B**
1,1-Dichloroethene	**119**	**(60 - 139)**			**SW846 8260B**
	117	**(60 - 139)**	**2.0**	**(0-48)**	**SW846 8260B**
Trichloroethene	**104**	**(53 - 135)**			**SW846 8260B**
	104	**(53 - 135)**	**0.67**	**(0-36)**	**SW846 8260B**
Toluene	**102**	**(75 - 126)**			**SW846 8260B**
	103	**(75 - 126)**	**1.2**	**(0-35)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(71 - 118)
	99	(71 - 118)
1,2-Dichloroethane-d4	94	(64 - 135)
	92	(64 - 135)
4-Bromofluorobenzene	91	(70 - 118)
	96	(70 - 118)
Dibromofluoromethane	99	(64 - 128)
	98	(64 - 128)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...:	C7E100155	**Work Order #...:**	JWMVP1A8-MS JWMVP1A9-MSD	**Matrix.....:**	SOLID
MS Lot-Sample #:	C7E100155-004				
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7134005
Prep Date.....:	05/14/07	**Analysis Date..:**	05/31/07		
Prep Batch #...:	7134013	**Analysis Time..:**	12:51		
Dilution Factor:	1	**% Moisture.....:**	15		

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	**57**	**(21 - 118)**			**SW846 8270C**
	67	**(21 - 118)**	**17**	**(0-49)**	**SW846 8270C**
1,4-Dichlorobenzene	**51**	**(20 - 105)**			**SW846 8270C**
	58	**(20 - 105)**	**12**	**(0-62)**	**SW846 8270C**
Acenaphthene	**62**	**(15 - 130)**			**SW846 8270C**
	73	**(15 - 130)**	**17**	**(0-50)**	**SW846 8270C**
4-Bromophenyl phenyl ether	**73**	**(27 - 136)**			**SW846 8270C**
	88	**(27 - 136)**	**19**	**(0-48)**	**SW846 8270C**
Pyrene	**79**	**(10 - 168)**			**SW846 8270C**
	86	**(10 - 168)**	**8.3**	**(0-69)**	**SW846 8270C**
Butyl benzyl phthalate	**73**	**(27 - 130)**			**SW846 8270C**
	86	**(27 - 130)**	**17**	**(0-48)**	**SW846 8270C**
4-Chloro-3-methylphenol	**56**	**(16 - 128)**			**SW846 8270C**
	64	**(16 - 128)**	**15**	**(0-52)**	**SW846 8270C**
2-Chlorophenol	**59**	**(16 - 120)**			**SW846 8270C**
	67	**(16 - 120)**	**13**	**(0-54)**	**SW846 8270C**
Naphthalene	**60**	**(10 - 140)**			**SW846 8270C**
	70	**(10 - 140)**	**15**	**(0-56)**	**SW846 8270C**
2,4-Dinitrotoluene	**57**	**(15 - 132)**			**SW846 8270C**
	69	**(15 - 132)**	**19**	**(0-49)**	**SW846 8270C**
Hexachloroethane	**52**	**(13 - 111)**			**SW846 8270C**
	60	**(13 - 111)**	**13**	**(0-63)**	**SW846 8270C**
4-Methylphenol	**75**	**(17 - 131)**			**SW846 8270C**
	84	**(17 - 131)**	**11**	**(0-50)**	**SW846 8270C**
4-Nitrophenol	**54**	**(10 - 154)**			**SW846 8270C**
	71	**(10 - 154)**	**27**	**(0-88)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**72**	**(30 - 118)**			**SW846 8270C**
	82	**(30 - 118)**	**13**	**(0-51)**	**SW846 8270C**
Pentachlorophenol	**59**	**(10 - 136)**			**SW846 8270C**
	65	**(10 - 136)**	**9.1**	**(0-123)**	**SW846 8270C**
Phenol	**60**	**(19 - 119)**			**SW846 8270C**
	67	**(19 - 119)**	**11**	**(0-50)**	**SW846 8270C**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C7E100155 **Work Order #...:** JWMVP1A8-MS **Matrix.....:** SOLID
MS Lot-Sample #: C7E100155-004 JWMVP1A9-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	68	(21 - 144)
	87	(21 - 144)
2-Fluorobiphenyl	63	(26 - 128)
	76	(26 - 128)
2-Fluorophenol	59	(34 - 115)
	71	(34 - 115)
Nitrobenzene-d5	58	(30 - 118)
	72	(30 - 118)
Phenol-d5	61	(35 - 117)
	71	(35 - 117)
Terphenyl-d14	80	(40 - 115)
	89	(40 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	C7E100155	**Work Order #...:**	JWMVQ1A8-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	C7E100155-005		JWMVQ1A9-MSD		
Date Sampled...:	05/09/07	**Date Received..:**	05/10/07	**MS Run #.....:**	7135002
Prep Date.....:	05/15/07	**Analysis Date..:**	05/15/07		
Prep Batch #...:	7135012	**Analysis Time..:**	18:54		
Dilution Factor:	1	**% Moisture.....:**	9.0		

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**83**	**(10 - 183)**			**SW846 8082**
	83	**(10 - 183)**	**0.68**	**(0-39)**	**SW846 8082**
Aroclor 1260	**87**	**(25 - 143)**			**SW846 8082**
	89	**(25 - 143)**	**2.6**	**(0-34)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(31 - 127)
	93	(31 - 127)
Decachlorobiphenyl	93	(23 - 141)
	94	(23 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C7E100155-001 **Prep Batch #...:** 7136035							
						% Moisture.....: 17	
Silver	82	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1A9
	82	(75 - 125)	0.33	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1CA
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Aluminum	NC	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1CC
	NC	(75 - 125)		(0-20)	SW846 6020	05/16-05/24/07	JWMVL1CD
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Arsenic	69 N	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1CE
	64 N	(75 - 125)	4.2	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1CF
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Barium	89	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1CG
	105	(75 - 125)	11	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1CH
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Beryllium	91	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1CJ
	92	(75 - 125)	1.3	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1CK
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Calcium	NC	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1CL
	NC	(75 - 125)		(0-20)	SW846 6020	05/16-05/24/07	JWMVL1CM
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Cadmium	78	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1CN
	80	(75 - 125)	1.6	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1CP
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	86	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1CQ
	84	(75 - 125)	1.6	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1CR
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Chromium	NC	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1CT
	NC	(75 - 125)		(0-20)	SW846 6020	05/16-05/24/07	JWMVL1CU
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Copper	87	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1CV
	82	(75 - 125)	3.1	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1CW
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Iron	NC	(75 - 125)			SW846 6020	05/16-05/29/07	JWMVL1CX
	NC	(75 - 125)		(0-20)	SW846 6020	05/16-05/29/07	JWMVL1C0
		Dilution Factor: 50					
		Analysis Time..: 16:59					
		MS Run #.....: 7136019					
Potassium	96	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1C1
	97	(75 - 125)	1.0	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1C2
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Magnesium	NC	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1C3
	NC	(75 - 125)		(0-20)	SW846 6020	05/16-05/24/07	JWMVL1C4
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Manganese	NC	(75 - 125)			SW846 6020	05/16-05/29/07	JWMVL1C5
	NC	(75 - 125)		(0-20)	SW846 6020	05/16-05/29/07	JWMVL1C6
		Dilution Factor: 50					
		Analysis Time..: 16:59					
		MS Run #.....: 7136019					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7E100155
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07
Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	87	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1C7
	86	(75 - 125)	0.74	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1C8
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Nickel	75	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1C9
	75	(75 - 125)	0.16	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1DA
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Lead	NC	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1DC
	NC	(75 - 125)		(0-20)	SW846 6020	05/16-05/24/07	JWMVL1DD
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Selenium	102	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1DE
	64 N	(75 - 125)	14	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1DF
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Thallium	101	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1DG
	102	(75 - 125)	1.2	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1DH
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Antimony	48 N	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1DJ
	55 N	(75 - 125)	13	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1DK
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					
Vanadium	122	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1DL
	339 N,*	(75 - 125)	36	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1DM
		Dilution Factor: 1					
		Analysis Time..: 20:15					
		MS Run #.....: 7136019					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7E100155 **Matrix.....:** SOLID
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	67 N	(75 - 125)			SW846 6020	05/16-05/24/07	JWMVL1DN
	60 N	(75 - 125)	5.5	(0-20)	SW846 6020	05/16-05/24/07	JWMVL1DP

Dilution Factor: 1
Analysis Time..: 20:15
MS Run #.....: 7136019

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7E100155
Date Sampled...: 05/08/07 **Date Received..:** 05/10/07 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C7E100383-002 **Prep Batch #...:** 7145014							
Mercury	106	(75 - 125)			SW846 7470A	05/25/07	JWP1M1AL
	108	(75 - 125)	0.80	(0-20)	SW846 7470A	05/25/07	JWP1M1AM

Dilution Factor: 1
Analysis Time..: 09:21
MS Run #.....: 7145005

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7E100155
Date Sampled...: 05/09/07 **Date Received..:** 05/10/07 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C7E100151-001 **Prep Batch #...:** 7149227							
						% Moisture.....: 9.9	
Mercury	111	(75 - 125)			SW846 7471A	05/29/07	JWMR61A4
	113	(75 - 125)	1.6	(0-20)	SW846 7471A	05/29/07	JWMR61A5

Dilution Factor: 1
Analysis Time..: 16:55
MS Run #.....: 7149155

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C7E100155 **Work Order #...:** JWMT9-SMP JWMT9-DUP **Matrix.....:** SOLID

Date Sampled...: 05/09/07 **Date Received..:** 05/10/07

% Moisture.....: 12

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #:	C7E100151-021	
	87.9	87.8	%	0.065	(0-20)	MCAWW 160.3 MOD	05/10-05/11/07	7130339

Dilution Factor: 1 Analysis Time..: 10:10 MS Run Number..: 7130199