APPENDIX C

Stockpile Characterization Laboratory Data Packages

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 3, 2010

Jason Atwood
Triumvirate Environmental
Box 136, 63 Innerbelt Road
Sommerville, MA 02143

Project Location: New Bedford Walsh Varsity Field
Client Job Number:
Project Number: 68280
Laboratory Work Order Number: 10H0904

Enclosed are results of analyses for samples received by the laboratory on August 31, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Triumvirate Environmental
Box 136, 63 Innerbelt Road
Sommerville, MA 02143
ATTN: Jason Atwood

REPORT DATE: 9/3/2010

PURCHASE ORDER NUMBER: NE9570

PROJECT NUMBER: 68280

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10H0904

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: New Bedford Walsh Varsity Field

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Varsity Field Post Treat 1	10H0904-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1311	
				SW-846 6010B	
				SW-846 7471B	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8260B	
				SW-846 8270C	
Varsity Field Post Treat 1a	10H0904-02	Soil		SW-846 1311	
				SW-846 6010B	
Varsity Field Post Treat 2	10H0904-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1311	
				SW-846 6010B	
				SW-846 7471B	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8260B	
				SW-846 8270C	
Varsity Field Post Treat 2a	10H0904-04	Soil		SW-846 1311	
				SW-846 6010B	
Varsity Field Post Treat 3	10H0904-05	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1311	
				SW-846 6010B	
				SW-846 7471B	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8260B	
				SW-846 8270C	
Varsity Field Post Treat 3a	10H0904-06	Soil		SW-846 1311	
				SW-846 6010B	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6010, only TCLP As and Pb were requested and reported for all samples and only total RCRA 8 metals were requested and reported for samples 1, 3, and 5.

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SW-846 8260B

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Bromomethane

10H0904-01[Varsity Field Post Treat 1], 10H0904-03[Varsity Field Post Treat 2], 10H0904-05[Varsity Field Post Treat 3], B018587-BLK1, B018587-BS1, B018587-BSD1

Elevated reporting limit based on lowest point in calibration.
MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP), 2,2-Dichloropropane, Bromoform, Carbon Disulfide, Carbon Tetrachloride, Chloroethane, Methylene Chloride, Naphthalene, Tetrahydrofuran

10H0904-01[Varsity Field Post Treat 1], 10H0904-03[Varsity Field Post Treat 2], 10H0904-05[Varsity Field Post Treat 3]

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Bromomethane, Trichlorofluoromethane (Freon 11)

B018587-BS1, B018587-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane

10H0904-01[Varsity Field Post Treat 1], 10H0904-03[Varsity Field Post Treat 2], 10H0904-05[Varsity Field Post Treat 3], B018587-BLK1, B018587-BS1, B018587-BSD1

SW-846 8270C

Qualifications:

Surrogate recovery is outside of control limits, matrix interference suspected. Reanalysis yielded similar surrogate non-conformance.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol, 2-Fluorophenol

10H0904-01[Varsity Field Post Treat 1], 10H0904-01RE1[Varsity Field Post Treat 1], 10H0904-03[Varsity Field Post Treat 2], 10H0904-03RE1[Varsity Field Post Treat 2], 10H0904-05[Varsity Field Post Treat 3], 10H0904-05RE1[Varsity Field Post Treat 3]

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

3,3-Dichlorobenzidine

B018651-BS1, B018651-BSD1

Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.

Analyte & Samples(s) Qualified:

Pentachlorophenol

10H0904-01[Varsity Field Post Treat 1], 10H0904-01RE1[Varsity Field Post Treat 1], 10H0904-03[Varsity Field Post Treat 2], 10H0904-03RE1[Varsity Field Post Treat 2], 10H0904-05[Varsity Field Post Treat 3], 10H0904-05RE1[Varsity Field Post Treat 3], B018579-BLK1, B018579-BS1, B018579-BSD1, B018651-BLK1, B018651-BS1, B018651-BSD1

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Sample analyzed past recommended 12 hour calibration critieria. Re-analysis performed within criteria.

Analyte & Samples(s) Qualified:

10H0904-01[Varsity Field Post Treat 1], 10H0904-03[Varsity Field Post Treat 2], 10H0904-05[Varsity Field Post Treat 3]

SW-846 8260B

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for “difficult analytes” where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

SW-846 8270C

Laboratory control sample recoveries for required MCP Data Enhancement 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative. Difficult analytes limits are 15 and 140%: 2,4-dinitrophenol, 4-chloroaniline, 4-nitrophenol, and phenol.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 1 Sampled: 8/26/2010 14:10

Sample ID: 10H0904-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2.2	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Benzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Bromobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Bromochloromethane	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Bromodichloromethane	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Bromoform	ND	0.44	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Bromomethane	ND	0.088	mg/Kg dry	1	L-04	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
2-Butanone (MEK)	ND	0.88	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
n-Butylbenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
sec-Butylbenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
tert-Butylbenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Carbon Disulfide	ND	0.44	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Carbon Tetrachloride	ND	0.44	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Chlorobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Chlorodibromomethane	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Chloroethane	ND	0.88	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Chloroform	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Chloromethane	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
2-Chlorotoluene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
4-Chlorotoluene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.44	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,2-Dibromoethane (EDB)	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Dibromomethane	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,2-Dichlorobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,3-Dichlorobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,4-Dichlorobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,1-Dichloroethane	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,2-Dichloroethane	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,1-Dichloroethylene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
cis-1,2-Dichloroethylene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
trans-1,2-Dichloroethylene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,2-Dichloropropane	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,3-Dichloropropane	ND	0.022	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
2,2-Dichloropropane	ND	0.44	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,1-Dichloropropene	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
cis-1,3-Dichloropropene	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
trans-1,3-Dichloropropene	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Diethyl Ether	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Diisopropyl Ether (DIPE)	ND	0.022	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,4-Dioxane	ND	2.2	mg/Kg dry	1	V-16	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Ethylbenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 1 Sampled: 8/26/2010 14:10

Sample ID: 10H0904-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
2-Hexanone (MBK)	ND	1.8	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Isopropylbenzene (Cumene)	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Methylene Chloride	ND	0.22	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.88	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Naphthalene	ND	0.44	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
n-Propylbenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Styrene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Tetrachloroethylene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Tetrahydrofuran	ND	0.44	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Toluene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,2,3-Trichlorobenzene	ND	0.22	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,2,4-Trichlorobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,1,1-Trichloroethane	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,1,2-Trichloroethane	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Trichloroethylene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,2,3-Trichloropropane	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,2,4-Trimethylbenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
1,3,5-Trimethylbenzene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
Vinyl Chloride	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
m+p Xylene	ND	0.088	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF
o-Xylene	ND	0.044	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 11:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	90.3	70-130		9/1/10 11:05
Toluene-d8	87.0	70-130		9/1/10 11:05
4-Bromofluorobenzene	82.5	70-130		9/1/10 11:05

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 1 Sampled: 8/26/2010 14:10

Sample ID: 10H0904-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Benzo(a)anthracene	0.70	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Benzo(a)anthracene	0.38	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Benzo(a)pyrene	0.41	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Benzo(a)pyrene	0.36	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Benzo(b)fluoranthene	0.44	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Benzo(b)fluoranthene	0.45	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Benzo(g,h,i)perylene	0.27	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Benzo(k)fluoranthene	0.19	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Benzo(k)fluoranthene	0.19	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Butylbenzylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Chrysene	0.77	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Chrysene	0.42	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 1 Sampled: 8/26/2010 14:10

Sample ID: 10H0904-01

Sample Matrix: Soil

Sample Flags: Z-01

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Dimethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Di-n-octylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Fluoranthene	0.90	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Fluoranthene	0.60	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Indeno(1,2,3-cd)pyrene	0.29	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 1 Sampled: 8/26/2010 14:10

Sample ID: 10H0904-01

Sample Matrix: Soil

Sample Flags: Z-01

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-19	SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-19	SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Phenanthrene	0.55	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Phenanthrene	1.9	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
Pyrene	1.7	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
Pyrene	0.49	0.18	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 13:41	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/1/10 23:59	BGL

Surrogates	% Recovery		Recovery Limits	Flag	
2-Fluorophenol	**14.3**	*	30-130	S-19	9/1/10 23:59
2-Fluorophenol	**6.26**	*	30-130	S-19	9/2/10 13:41
Phenol-d6	36.6		30-130		9/2/10 13:41
Phenol-d6	47.6		30-130		9/1/10 23:59
Nitrobenzene-d5	57.9		30-130		9/2/10 13:41
Nitrobenzene-d5	59.7		30-130		9/1/10 23:59
2-Fluorobiphenyl	54.1		30-130		9/2/10 13:41
2-Fluorobiphenyl	61.1		30-130		9/1/10 23:59
2,4,6-Tribromophenol	**0.0950**	*	30-130	S-19	9/2/10 13:41
2,4,6-Tribromophenol	**0.0250**	*	30-130	S-19	9/1/10 23:59
Terphenyl-d14	57.0		30-130		9/2/10 13:41
Terphenyl-d14	39.4		30-130		9/1/10 23:59

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 1 Sampled: 8/26/2010 14:10

Sample ID: 10H0904-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:17	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:17	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:17	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:17	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:17	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:17	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:17	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:17	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:17	JB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.1	30-150		9/3/10 2:17
Decachlorobiphenyl [2]	70.3	30-150		9/3/10 2:17
Tetrachloro-m-xylene [1]	93.2	30-150		9/3/10 2:17
Tetrachloro-m-xylene [2]	92.5	30-150		9/3/10 2:17

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 1 Sampled: 8/26/2010 14:10

Sample ID: 10H0904-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	61	9.1	mg/Kg dry	1		SW-846 8100 Modified	9/1/10	9/2/10 8:37	CJM

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 1 Sampled: 8/26/2010 14:10

Sample ID: 10H0904-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	23	2.7	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:26	OP
Barium	51	2.7	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:26	OP
Cadmium	0.44	0.27	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:26	OP
Chromium	10	0.54	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:26	OP
Lead	63	0.81	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:26	OP
Mercury	0.084	0.020	mg/Kg dry	1		SW-846 7471B	9/1/10	9/2/10 12:00	AMP
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:26	OP
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:26	OP

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 1 Sampled: 8/26/2010 14:10

Sample ID: 10H0904-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Specific conductance	210	2.0	µmhos/cm	1		SM18-20 2510B	9/1/10	9/1/10 19:27	SBP
% Solids	91.6		% Wt	1		SM 2540G	9/1/10	9/1/10 17:30	VAF

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 1 Sampled: 8/26/2010 14:10

Sample ID: 10H0904-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.054	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:01	OP
Lead	ND	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:01	OP

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 1a Sampled: 8/26/2010 14:10

Sample ID: 10H0904-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.084	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:07	OP
Lead	ND	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:07	OP

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 2 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2.3	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Benzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Bromobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Bromochloromethane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Bromodichloromethane	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Bromoform	ND	0.46	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Bromomethane	ND	0.092	mg/Kg dry	1	L-04	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
2-Butanone (MEK)	ND	0.92	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
n-Butylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
sec-Butylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
tert-Butylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Carbon Disulfide	ND	0.46	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Carbon Tetrachloride	ND	0.46	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Chlorobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Chlorodibromomethane	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Chloroethane	ND	0.92	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Chloroform	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Chloromethane	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
2-Chlorotoluene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
4-Chlorotoluene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.46	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,2-Dibromoethane (EDB)	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Dibromomethane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,2-Dichlorobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,3-Dichlorobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,4-Dichlorobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,1-Dichloroethane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,2-Dichloroethane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,1-Dichloroethylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
cis-1,2-Dichloroethylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
trans-1,2-Dichloroethylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,2-Dichloropropane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,3-Dichloropropane	ND	0.023	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
2,2-Dichloropropane	ND	0.46	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,1-Dichloropropene	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
cis-1,3-Dichloropropene	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
trans-1,3-Dichloropropene	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Diethyl Ether	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Diisopropyl Ether (DIPE)	ND	0.023	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,4-Dioxane	ND	2.3	mg/Kg dry	1	V-16	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Ethylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 2 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
2-Hexanone (MBK)	ND	1.8	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Isopropylbenzene (Cumene)	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Methylene Chloride	ND	0.23	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.92	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Naphthalene	ND	0.46	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
n-Propylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Styrene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,1,1,2-Tetrachloroethane	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,1,2,2-Tetrachloroethane	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Tetrachloroethylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Tetrahydrofuran	ND	0.46	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Toluene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,2,3-Trichlorobenzene	ND	0.23	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,2,4-Trichlorobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,1,1-Trichloroethane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,1,2-Trichloroethane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Trichloroethylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Trichlorofluoromethane (Freon 11)	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,2,3-Trichloropropane	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,2,4-Trimethylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
1,3,5-Trimethylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
Vinyl Chloride	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
m+p Xylene	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF
o-Xylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 5:36	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.2	70-130		9/1/10 5:36
Toluene-d8	90.5	70-130		9/1/10 5:36
4-Bromofluorobenzene	87.9	70-130		9/1/10 5:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 2 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-03

Sample Matrix: Soil

Sample Flags: Z-01

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Benzo(a)anthracene	0.49	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Benzo(a)anthracene	0.26	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Benzo(a)pyrene	0.50	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Benzo(a)pyrene	0.28	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Benzo(b)fluoranthene	0.63	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Benzo(b)fluoranthene	0.30	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Benzo(g,h,i)perylene	0.20	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Benzo(g,h,i)perylene	0.25	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Benzo(k)fluoranthene	0.23	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Chrysene	0.58	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Chrysene	0.30	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 2 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Fluoranthene	0.63	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Fluoranthene	0.54	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Indeno(1,2,3-cd)pyrene	0.21	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Indeno(1,2,3-cd)pyrene	0.23	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 2 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-19	SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-19	SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Phenanthrene	0.40	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Phenanthrene	0.27	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
Pyrene	0.66	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
Pyrene	0.54	0.18	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 0:30	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:19	BGL

Surrogates	% Recovery		Recovery Limits	Flag	
2-Fluorophenol	31.6		30-130		9/2/10 0:30
2-Fluorophenol	**5.66**	*	30-130	S-19	9/2/10 14:19
Phenol-d6	88.2		30-130		9/2/10 0:30
Phenol-d6	39.1		30-130		9/2/10 14:19
Nitrobenzene-d5	82.3		30-130		9/2/10 0:30
Nitrobenzene-d5	69.5		30-130		9/2/10 14:19
2-Fluorobiphenyl	85.4		30-130		9/2/10 0:30
2-Fluorobiphenyl	65.8		30-130		9/2/10 14:19
2,4,6-Tribromophenol	**0.245**	*	30-130	S-19	9/2/10 0:30
2,4,6-Tribromophenol	**0.265**	*	30-130	S-19	9/2/10 14:19
Terphenyl-d14	53.4		30-130		9/2/10 0:30
Terphenyl-d14	62.9		30-130		9/2/10 14:19

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 2 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:32	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:32	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:32	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:32	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:32	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:32	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:32	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:32	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:32	JB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	80.2	30-150		9/3/10 2:32
Decachlorobiphenyl [2]	70.7	30-150		9/3/10 2:32
Tetrachloro-m-xylene [1]	91.2	30-150		9/3/10 2:32
Tetrachloro-m-xylene [2]	91.1	30-150		9/3/10 2:32

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 2
Sampled: 8/27/2010 15:45

Sample ID: 10H0904-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	49	9.1	mg/Kg dry	1		SW-846 8100 Modified	9/1/10	9/2/10 8:55	CJM

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 2 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	29	2.9	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:30	OP
Barium	48	2.9	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:30	OP
Cadmium	0.37	0.29	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:30	OP
Chromium	11	0.57	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:30	OP
Lead	57	0.86	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:30	OP
Mercury	0.10	0.024	mg/Kg dry	1		SW-846 7471B	9/1/10	9/2/10 12:02	AMP
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:30	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:30	OP

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 2 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Specific conductance	180	2.0	µmhos/cm	1		SM18-20 2510B	9/1/10	9/1/10 19:27	SBP
% Solids	91.5		% Wt	1		SM 2540G	9/1/10	9/1/10 17:30	VAF

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 2 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-03

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.044	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:12	OP
Lead	0.030	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:12	OP

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 2a Sampled: 8/27/2010 15:45

Sample ID: 10H0904-04

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.039	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:18	OP
Lead	0.051	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:18	OP

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 3 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	3.5	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Benzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Bromobenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Bromochloromethane	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Bromodichloromethane	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Bromoform	ND	0.69	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Bromomethane	ND	0.14	mg/Kg dry	1	L-04	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
2-Butanone (MEK)	ND	1.4	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
n-Butylbenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
sec-Butylbenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
tert-Butylbenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Carbon Disulfide	ND	0.69	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Carbon Tetrachloride	ND	0.69	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Chlorobenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Chlorodibromomethane	ND	0.28	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Chloroethane	ND	1.4	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Chloroform	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Chloromethane	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
2-Chlorotoluene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
4-Chlorotoluene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.69	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,2-Dibromoethane (EDB)	ND	0.28	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Dibromomethane	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,2-Dichlorobenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,3-Dichlorobenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,4-Dichlorobenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,1-Dichloroethane	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,2-Dichloroethane	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,1-Dichloroethylene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
cis-1,2-Dichloroethylene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
trans-1,2-Dichloroethylene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,2-Dichloropropane	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,3-Dichloropropane	ND	0.035	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
2,2-Dichloropropane	ND	0.69	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,1-Dichloropropene	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
cis-1,3-Dichloropropene	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
trans-1,3-Dichloropropene	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Diethyl Ether	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Diisopropyl Ether (DIPE)	ND	0.035	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,4-Dioxane	ND	3.5	mg/Kg dry	1	V-16	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Ethylbenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 3 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
2-Hexanone (MBK)	ND	2.8	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Isopropylbenzene (Cumene)	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.28	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Methylene Chloride	ND	0.35	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	1.4	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Naphthalene	ND	0.69	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
n-Propylbenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Styrene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.28	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Tetrachloroethylene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Tetrahydrofuran	ND	0.69	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Toluene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,2,3-Trichlorobenzene	ND	0.35	mg/Kg dry	1	RL-07	SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,2,4-Trichlorobenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,1,1-Trichloroethane	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,1,2-Trichloroethane	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Trichloroethylene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,2,3-Trichloropropane	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,2,4-Trimethylbenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
1,3,5-Trimethylbenzene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
Vinyl Chloride	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
m+p Xylene	ND	0.14	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF
o-Xylene	ND	0.069	mg/Kg dry	1		SW-846 8260B	9/1/10	9/1/10 6:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	97.0	70-130		9/1/10 6:06
Toluene-d8	97.7	70-130		9/1/10 6:06
4-Bromofluorobenzene	90.6	70-130		9/1/10 6:06

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 3 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-05

Sample Matrix: Soil

Sample Flags: Z-01

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Anthracene	0.20	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Anthracene	0.62	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Benzo(a)anthracene	0.50	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Benzo(a)anthracene	1.8	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Benzo(a)pyrene	0.54	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Benzo(a)pyrene	1.6	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Benzo(b)fluoranthene	0.71	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Benzo(b)fluoranthene	1.8	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Benzo(g,h,i)perylene	0.24	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Benzo(g,h,i)perylene	0.94	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Benzo(k)fluoranthene	0.71	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Benzo(k)fluoranthene	0.28	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Butylbenzylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Butylbenzylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
4-Chloroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
4-Chloroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Chrysene	0.54	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Chrysene	2.0	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Dibenz(a,h)anthracene	0.31	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 3 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Dimethylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Dimethylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
2,4-Dinitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2,4-Dinitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Di-n-octylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Di-n-octylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Fluoranthene	1.0	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Fluoranthene	3.6	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Fluorene	0.20	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Indeno(1,2,3-cd)pyrene	1.1	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Indeno(1,2,3-cd)pyrene	0.26	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 3 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
4-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
4-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-19	SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-19	SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Phenanthrene	2.9	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Phenanthrene	0.96	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
Pyrene	3.2	0.19	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
Pyrene	0.71	0.19	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/1/10	9/2/10 1:01	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/2/10	9/2/10 14:58	BGL

Surrogates	% Recovery		Recovery Limits	Flag	
2-Fluorophenol	**27.8**	*	30-130	S-19	9/2/10 1:01
2-Fluorophenol	**15.9**	*	30-130	S-19	9/2/10 14:58
Phenol-d6	46.6		30-130		9/2/10 14:58
Phenol-d6	70.0		30-130		9/2/10 1:01
Nitrobenzene-d5	64.3		30-130		9/2/10 14:58
Nitrobenzene-d5	75.1		30-130		9/2/10 1:01
2-Fluorobiphenyl	72.3		30-130		9/2/10 1:01
2-Fluorobiphenyl	61.0		30-130		9/2/10 14:58
2,4,6-Tribromophenol	**0.260**	*	30-130	S-19	9/2/10 1:01
2,4,6-Tribromophenol	**0.270**	*	30-130	S-19	9/2/10 14:58
Terphenyl-d14	63.3		30-130		9/2/10 14:58
Terphenyl-d14	51.8		30-130		9/2/10 1:01

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 3 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:48	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:48	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:48	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:48	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:48	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:48	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:48	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:48	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/1/10	9/3/10 2:48	JB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.2	30-150		9/3/10 2:48
Decachlorobiphenyl [2]	70.9	30-150		9/3/10 2:48
Tetrachloro-m-xylene [1]	92.0	30-150		9/3/10 2:48
Tetrachloro-m-xylene [2]	90.4	30-150		9/3/10 2:48

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 3 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	54	9.2	mg/Kg dry	1		SW-846 8100 Modified	9/1/10	9/2/10 8:55	CJM

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 3 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	47	3.0	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:34	OP
Barium	73	3.0	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:34	OP
Cadmium	0.42	0.30	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:34	OP
Chromium	9.7	0.59	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:34	OP
Lead	68	0.89	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:34	OP
Mercury	0.19	0.024	mg/Kg dry	1		SW-846 7471B	9/1/10	9/2/10 12:03	AMP
Selenium	ND	5.9	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:34	OP
Silver	ND	0.59	mg/Kg dry	1		SW-846 6010B	9/1/10	9/2/10 11:34	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 3 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Specific conductance	190	2.0	µmhos/cm	1		SM18-20 2510B	9/1/10	9/1/10 19:27	SBP
% Solids	91.0		% Wt	1		SM 2540G	9/1/10	9/1/10 17:30	VAF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 3 Sampled: 8/27/2010 15:45

Sample ID: 10H0904-05

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.049	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:23	OP
Lead	0.088	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:23	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10H0904

Date Received: 8/31/2010

Field Sample #: Varsity Field Post Treat 3a Sampled: 8/27/2010 15:45

Sample ID: 10H0904-06

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.048	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:29	OP
Lead	0.11	0.010	mg/L	1		SW-846 6010B	9/2/10	9/2/10 14:29	OP

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10H0904-01 [Varsity Field Post Treat 1]	B018564	09/01/10
10H0904-03 [Varsity Field Post Treat 2]	B018564	09/01/10
10H0904-05 [Varsity Field Post Treat 3]	B018564	09/01/10

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
10H0904-01 [Varsity Field Post Treat 1]	B018624	1.00	09/01/10
10H0904-03 [Varsity Field Post Treat 2]	B018624	1.00	09/01/10
10H0904-05 [Varsity Field Post Treat 3]	B018624	1.00	09/01/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10H0904-01 [Varsity Field Post Treat 1]	B018566	1.01	50.0	09/01/10
10H0904-03 [Varsity Field Post Treat 2]	B018566	0.951	50.0	09/01/10
10H0904-05 [Varsity Field Post Treat 3]	B018566	0.928	50.0	09/01/10

Prep Method: SW-846 3010A-SW-846 6010B **Leachates were extracted on 9/1/2010 per SW-846 1311 in Batch B018593**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10H0904-01 [Varsity Field Post Treat 1]	B018635	50.0	50.0	09/02/10
10H0904-02 [Varsity Field Post Treat 1a]	B018635	50.0	50.0	09/02/10
10H0904-03 [Varsity Field Post Treat 2]	B018635	50.0	50.0	09/02/10
10H0904-04 [Varsity Field Post Treat 2a]	B018635	50.0	50.0	09/02/10
10H0904-05 [Varsity Field Post Treat 3]	B018635	50.0	50.0	09/02/10
10H0904-06 [Varsity Field Post Treat 3a]	B018635	50.0	50.0	09/02/10

Prep Method: SW-846 7471A-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10H0904-01 [Varsity Field Post Treat 1]	B018568	0.139	25.0	09/01/10
10H0904-03 [Varsity Field Post Treat 2]	B018568	0.113	25.0	09/01/10
10H0904-05 [Varsity Field Post Treat 3]	B018568	0.112	25.0	09/01/10

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10H0904-01 [Varsity Field Post Treat 1]	B018573	10.0	50.0	09/01/10
10H0904-03 [Varsity Field Post Treat 2]	B018573	10.1	50.0	09/01/10
10H0904-05 [Varsity Field Post Treat 3]	B018573	10.1	50.0	09/01/10

Prep Method: SW-846 3546-SW-846 8100 Modified

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10H0904-01 [Varsity Field Post Treat 1]	B018575	30.1	1.00	09/01/10
10H0904-03 [Varsity Field Post Treat 2]	B018575	30.0	1.00	09/01/10

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8100 Modified

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10H0904-05 [Varsity Field Post Treat 3]	B018575	30.0	1.00	09/01/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
10H0904-01 [Varsity Field Post Treat 1]	B018587	21.1	17.0	1	50	09/01/10
10H0904-03 [Varsity Field Post Treat 2]	B018587	20.2	17.0	1	50	09/01/10
10H0904-05 [Varsity Field Post Treat 3]	B018587	13.0	16.4	1	50	09/01/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10H0904-01 [Varsity Field Post Treat 1]	B018579	30.3	1.00	09/01/10
10H0904-03 [Varsity Field Post Treat 2]	B018579	30.0	1.00	09/01/10
10H0904-05 [Varsity Field Post Treat 3]	B018579	30.0	1.00	09/01/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10H0904-01RE1 [Varsity Field Post Treat 1]	B018651	30.1	1.00	09/02/10
10H0904-03RE1 [Varsity Field Post Treat 2]	B018651	30.2	1.00	09/02/10
10H0904-05RE1 [Varsity Field Post Treat 3]	B018651	30.0	1.00	09/02/10

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018587 - SW-846 5035										
Blank (B018587-BLK1)				Prepared: 08/31/10 Analyzed: 09/01/10						
Acetone	ND	2.5	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.10	mg/Kg wet							
Benzene	ND	0.051	mg/Kg wet							
Bromobenzene	ND	0.051	mg/Kg wet							
Bromochloromethane	ND	0.051	mg/Kg wet							
Bromodichloromethane	ND	0.10	mg/Kg wet							
Bromoform	ND	0.51	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							L-04
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.051	mg/Kg wet							
sec-Butylbenzene	ND	0.051	mg/Kg wet							
tert-Butylbenzene	ND	0.051	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.10	mg/Kg wet							
Carbon Disulfide	ND	0.51	mg/Kg wet							
Carbon Tetrachloride	ND	0.51	mg/Kg wet							
Chlorobenzene	ND	0.051	mg/Kg wet							
Chlorodibromomethane	ND	0.20	mg/Kg wet							
Chloroethane	ND	1.0	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.051	mg/Kg wet							
4-Chlorotoluene	ND	0.051	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.51	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.20	mg/Kg wet							
Dibromomethane	ND	0.051	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.051	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.051	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.051	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.051	mg/Kg wet							
1,2-Dichloroethane	ND	0.051	mg/Kg wet							
1,1-Dichloroethylene	ND	0.051	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.051	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.051	mg/Kg wet							
1,2-Dichloropropane	ND	0.051	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.51	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.10	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.10	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							V-16
Ethylbenzene	ND	0.051	mg/Kg wet							
Hexachlorobutadiene	ND	0.051	mg/Kg wet							
2-Hexanone (MBK)	ND	2.0	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.051	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.051	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.20	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	1.0	mg/Kg wet							
Naphthalene	ND	0.51	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B018587 - SW-846 5035												
Blank (B018587-BLK1)				Prepared: 08/31/10 Analyzed: 09/01/10								
n-Propylbenzene	ND	0.051	mg/Kg wet									
Styrene	ND	0.051	mg/Kg wet									
1,1,1,2-Tetrachloroethane	ND	0.20	mg/Kg wet									
1,1,2,2-Tetrachloroethane	ND	0.10	mg/Kg wet									
Tetrachloroethylene	ND	0.051	mg/Kg wet									
Tetrahydrofuran	ND	0.51	mg/Kg wet									
Toluene	ND	0.051	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.051	mg/Kg wet									
1,1,1-Trichloroethane	ND	0.051	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.051	mg/Kg wet									
Trichloroethylene	ND	0.051	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.051	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.051	mg/Kg wet									
Vinyl Chloride	ND	0.10	mg/Kg wet									
m+p Xylene	ND	0.10	mg/Kg wet									
o-Xylene	ND	0.051	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*1.10*		mg/Kg wet	1.33		82.4		70-130				
Surrogate: Toluene-d8	*1.03*		mg/Kg wet	1.33		77.5		70-130				
Surrogate: 4-Bromofluorobenzene	*0.958*		mg/Kg wet	1.33		71.8		70-130				
LCS (B018587-BS1)				Prepared: 08/31/10 Analyzed: 09/01/10								
Acetone	21.0	11	mg/Kg wet	22.7		92.5		40-160				†
tert-Amyl Methyl Ether (TAME)	2.00	0.45	mg/Kg wet	2.27		88.3		70-130				
Benzene	2.32	0.23	mg/Kg wet	2.27		102		70-130				
Bromobenzene	2.32	0.23	mg/Kg wet	2.27		102		70-130				
Bromochloromethane	2.44	0.23	mg/Kg wet	2.27		108		70-130				
Bromodichloromethane	2.28	0.45	mg/Kg wet	2.27		101		70-130				
Bromoform	1.91	2.3	mg/Kg wet	2.27		84.1		70-130				
Bromomethane	0.725	0.45	mg/Kg wet	2.27		**32.0**	*	40-160			L-04, V-06	†
2-Butanone (MEK)	18.1	4.5	mg/Kg wet	22.7		79.7		40-160				†
n-Butylbenzene	2.47	0.23	mg/Kg wet	2.27		109		70-130				
sec-Butylbenzene	2.49	0.23	mg/Kg wet	2.27		110		70-130				
tert-Butylbenzene	2.42	0.23	mg/Kg wet	2.27		107		70-130				
tert-Butyl Ethyl Ether (TBEE)	2.30	0.45	mg/Kg wet	2.27		102		70-130				
Carbon Disulfide	2.88	2.3	mg/Kg wet	2.27		127		70-130				
Carbon Tetrachloride	2.27	2.3	mg/Kg wet	2.27		100		70-130				
Chlorobenzene	2.20	0.23	mg/Kg wet	2.27		97.1		70-130				
Chlorodibromomethane	2.08	0.91	mg/Kg wet	2.27		91.9		70-130				
Chloroethane	2.22	4.5	mg/Kg wet	2.27		98.0		70-130				
Chloroform	2.53	0.45	mg/Kg wet	2.27		112		70-130				
Chloromethane	1.68	0.45	mg/Kg wet	2.27		74.2		40-160				†
2-Chlorotoluene	2.36	0.23	mg/Kg wet	2.27		104		70-130				
4-Chlorotoluene	2.43	0.23	mg/Kg wet	2.27		107		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	2.08	2.3	mg/Kg wet	2.27		91.7		70-130				
1,2-Dibromoethane (EDB)	2.21	0.91	mg/Kg wet	2.27		97.7		70-130				
Dibromomethane	2.49	0.23	mg/Kg wet	2.27		110		70-130				
1,2-Dichlorobenzene	2.34	0.23	mg/Kg wet	2.27		103		70-130				
1,3-Dichlorobenzene	2.31	0.23	mg/Kg wet	2.27		102		70-130				
1,4-Dichlorobenzene	2.25	0.23	mg/Kg wet	2.27		99.3		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B018587 - SW-846 5035											
LCS (B018587-BS1)				Prepared: 08/31/10 Analyzed: 09/01/10							
Dichlorodifluoromethane (Freon 12)	1.78	0.45	mg/Kg wet	2.27		78.6	40-160				†
1,1-Dichloroethane	2.57	0.23	mg/Kg wet	2.27		114	70-130				
1,2-Dichloroethane	2.57	0.23	mg/Kg wet	2.27		113	70-130				
1,1-Dichloroethylene	2.59	0.23	mg/Kg wet	2.27		114	70-130				
cis-1,2-Dichloroethylene	2.38	0.23	mg/Kg wet	2.27		105	70-130				
trans-1,2-Dichloroethylene	2.78	0.23	mg/Kg wet	2.27		123	70-130				
1,2-Dichloropropane	2.33	0.23	mg/Kg wet	2.27		103	70-130				
1,3-Dichloropropane	2.26	0.11	mg/Kg wet	2.27		99.8	70-130				
2,2-Dichloropropane	2.11	2.3	mg/Kg wet	2.27		93.2	70-130				
1,1-Dichloropropene	2.37	0.45	mg/Kg wet	2.27		105	70-130				
cis-1,3-Dichloropropene	2.01	0.45	mg/Kg wet	2.27		88.5	70-130				
trans-1,3-Dichloropropene	2.10	0.45	mg/Kg wet	2.27		92.8	70-130				
Diethyl Ether	2.51	0.45	mg/Kg wet	2.27		111	70-130				
Diisopropyl Ether (DIPE)	2.32	0.11	mg/Kg wet	2.27		102	70-130				
1,4-Dioxane	19.9	11	mg/Kg wet	22.7		87.9	40-160			V-16	†
Ethylbenzene	2.36	0.23	mg/Kg wet	2.27		104	70-130				
Hexachlorobutadiene	2.39	0.23	mg/Kg wet	2.27		106	70-130				
2-Hexanone (MBK)	17.5	9.1	mg/Kg wet	22.7		77.0	40-160				†
Isopropylbenzene (Cumene)	2.74	0.23	mg/Kg wet	2.27		121	70-130				
p-Isopropyltoluene (p-Cymene)	2.40	0.23	mg/Kg wet	2.27		106	70-130				
Methyl tert-Butyl Ether (MTBE)	2.39	0.91	mg/Kg wet	2.27		106	70-130				
Methylene Chloride	2.33	1.1	mg/Kg wet	2.27		103	70-130				
4-Methyl-2-pentanone (MIBK)	17.8	4.5	mg/Kg wet	22.7		78.4	40-160				†
Naphthalene	1.87	2.3	mg/Kg wet	2.27		82.4	70-130				
n-Propylbenzene	2.37	0.23	mg/Kg wet	2.27		104	70-130				
Styrene	2.18	0.23	mg/Kg wet	2.27		96.0	70-130				
1,1,1,2-Tetrachloroethane	2.09	0.91	mg/Kg wet	2.27		92.4	70-130				
1,1,2,2-Tetrachloroethane	2.15	0.45	mg/Kg wet	2.27		94.9	70-130				
Tetrachloroethylene	2.34	0.23	mg/Kg wet	2.27		103	70-130				
Tetrahydrofuran	1.91	2.3	mg/Kg wet	2.27		84.2	70-130				
Toluene	2.32	0.23	mg/Kg wet	2.27		102	70-130				
1,2,3-Trichlorobenzene	2.29	1.1	mg/Kg wet	2.27		101	70-130				
1,2,4-Trichlorobenzene	2.24	0.23	mg/Kg wet	2.27		99.0	70-130				
1,1,1-Trichloroethane	2.49	0.23	mg/Kg wet	2.27		110	70-130				
1,1,2-Trichloroethane	2.21	0.23	mg/Kg wet	2.27		97.6	70-130				
Trichloroethylene	2.36	0.23	mg/Kg wet	2.27		104	70-130				
Trichlorofluoromethane (Freon 11)	2.70	0.45	mg/Kg wet	2.27		119	70-130			V-06	
1,2,3-Trichloropropane	1.97	0.45	mg/Kg wet	2.27		87.1	70-130				
1,2,4-Trimethylbenzene	2.40	0.23	mg/Kg wet	2.27		106	70-130				
1,3,5-Trimethylbenzene	2.33	0.23	mg/Kg wet	2.27		103	70-130				
Vinyl Chloride	2.33	0.45	mg/Kg wet	2.27		103	70-130				
m+p Xylene	4.69	0.45	mg/Kg wet	4.53		103	70-130				
o-Xylene	2.35	0.23	mg/Kg wet	2.27		104	70-130				
Surrogate: 1,2-Dichloroethane-d4	*6.04*		mg/Kg wet	5.33		113	70-130				
Surrogate: Toluene-d8	*5.61*		mg/Kg wet	5.33		105	70-130				
Surrogate: 4-Bromofluorobenzene	*5.72*		mg/Kg wet	5.33		107	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B018587 - SW-846 5035												
LCS Dup (B018587-BSD1)				Prepared: 08/31/10 Analyzed: 09/01/10								
Acetone	21.3	11	mg/Kg wet	22.7		93.8		40-160	1.40	20		†
tert-Amyl Methyl Ether (TAME)	1.97	0.45	mg/Kg wet	2.27		86.9		70-130	1.60	20		
Benzene	2.23	0.23	mg/Kg wet	2.27		98.4		70-130	3.89	20		
Bromobenzene	2.30	0.23	mg/Kg wet	2.27		102		70-130	0.883	20		
Bromochloromethane	2.41	0.23	mg/Kg wet	2.27		106		70-130	1.31	20		
Bromodichloromethane	2.23	0.45	mg/Kg wet	2.27		98.5		70-130	2.21	20		
Bromoform	1.96	2.3	mg/Kg wet	2.27		86.6		70-130	2.93	20		
Bromomethane	0.675	0.45	mg/Kg wet	2.27		**29.8**	*	40-160	7.12	20	L-04, V-06	†
2-Butanone (MEK)	17.9	4.5	mg/Kg wet	22.7		78.8		40-160	1.03	20		†
n-Butylbenzene	2.33	0.23	mg/Kg wet	2.27		103		70-130	5.95	20		
sec-Butylbenzene	2.42	0.23	mg/Kg wet	2.27		107		70-130	3.05	20		
tert-Butylbenzene	2.36	0.23	mg/Kg wet	2.27		104		70-130	2.65	20		
tert-Butyl Ethyl Ether (TBEE)	2.20	0.45	mg/Kg wet	2.27		97.0		70-130	4.53	20		
Carbon Disulfide	2.68	2.3	mg/Kg wet	2.27		118		70-130	7.25	20		
Carbon Tetrachloride	2.16	2.3	mg/Kg wet	2.27		95.5		70-130	4.90	20		
Chlorobenzene	2.17	0.23	mg/Kg wet	2.27		95.6		70-130	1.56	20		
Chlorodibromomethane	2.03	0.91	mg/Kg wet	2.27		89.4		70-130	2.76	20		
Chloroethane	1.83	4.5	mg/Kg wet	2.27		80.8		70-130	19.2	20		
Chloroform	2.42	0.45	mg/Kg wet	2.27		107		70-130	4.49	20		
Chloromethane	1.68	0.45	mg/Kg wet	2.27		74.1		40-160	0.135	20		†
2-Chlorotoluene	2.27	0.23	mg/Kg wet	2.27		100		70-130	3.72	20		
4-Chlorotoluene	2.33	0.23	mg/Kg wet	2.27		103		70-130	4.57	20		
1,2-Dibromo-3-chloropropane (DBCP)	2.19	2.3	mg/Kg wet	2.27		96.8		70-130	5.41	20		
1,2-Dibromoethane (EDB)	2.07	0.91	mg/Kg wet	2.27		91.2		70-130	6.88	20		
Dibromomethane	2.36	0.23	mg/Kg wet	2.27		104		70-130	5.14	20		
1,2-Dichlorobenzene	2.34	0.23	mg/Kg wet	2.27		103		70-130	0.0970	20		
1,3-Dichlorobenzene	2.28	0.23	mg/Kg wet	2.27		101		70-130	1.28	20		
1,4-Dichlorobenzene	2.23	0.23	mg/Kg wet	2.27		98.5		70-130	0.809	20		
Dichlorodifluoromethane (Freon 12)	1.65	0.45	mg/Kg wet	2.27		73.0		40-160	7.39	20		†
1,1-Dichloroethane	2.43	0.23	mg/Kg wet	2.27		107		70-130	5.90	20		
1,2-Dichloroethane	2.42	0.23	mg/Kg wet	2.27		107		70-130	5.81	20		
1,1-Dichloroethylene	2.55	0.23	mg/Kg wet	2.27		112		70-130	1.76	20		
cis-1,2-Dichloroethylene	2.38	0.23	mg/Kg wet	2.27		105		70-130	0.0953	20		
trans-1,2-Dichloroethylene	2.64	0.23	mg/Kg wet	2.27		116		70-130	5.27	20		
1,2-Dichloropropane	2.19	0.23	mg/Kg wet	2.27		96.5		70-130	6.32	20		
1,3-Dichloropropane	2.24	0.11	mg/Kg wet	2.27		98.9		70-130	0.906	20		
2,2-Dichloropropane	2.06	2.3	mg/Kg wet	2.27		90.8		70-130	2.61	20		
1,1-Dichloropropene	2.26	0.45	mg/Kg wet	2.27		99.5		70-130	5.00	20		
cis-1,3-Dichloropropene	2.01	0.45	mg/Kg wet	2.27		88.6		70-130	0.113	20		
trans-1,3-Dichloropropene	2.10	0.45	mg/Kg wet	2.27		92.6		70-130	0.216	20		
Diethyl Ether	2.44	0.45	mg/Kg wet	2.27		108		70-130	2.93	20		
Diisopropyl Ether (DIPE)	2.23	0.11	mg/Kg wet	2.27		98.2		70-130	3.99	20		
1,4-Dioxane	19.9	11	mg/Kg wet	22.7		87.7		40-160	0.205	20	V-16	†
Ethylbenzene	2.33	0.23	mg/Kg wet	2.27		103		70-130	1.45	20		
Hexachlorobutadiene	2.29	0.23	mg/Kg wet	2.27		101		70-130	4.35	20		
2-Hexanone (MBK)	17.4	9.1	mg/Kg wet	22.7		76.7		40-160	0.416	20		†
Isopropylbenzene (Cumene)	2.61	0.23	mg/Kg wet	2.27		115		70-130	4.66	20		
p-Isopropyltoluene (p-Cymene)	2.38	0.23	mg/Kg wet	2.27		105		70-130	1.04	20		
Methyl tert-Butyl Ether (MTBE)	2.25	0.91	mg/Kg wet	2.27		99.2		70-130	6.16	20		
Methylene Chloride	2.23	1.1	mg/Kg wet	2.27		98.6		70-130	4.07	20		
4-Methyl-2-pentanone (MIBK)	17.9	4.5	mg/Kg wet	22.7		78.8		40-160	0.420	20		†
Naphthalene	1.80	2.3	mg/Kg wet	2.27		79.4		70-130	3.71	20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018587 - SW-846 5035										
LCS Dup (B018587-BSD1)				Prepared: 08/31/10 Analyzed: 09/01/10						
n-Propylbenzene	2.31	0.23	mg/Kg wet	2.27		102	70-130	2.62	20	
Styrene	2.20	0.23	mg/Kg wet	2.27		96.9	70-130	0.933	20	
1,1,1,2-Tetrachloroethane	2.09	0.91	mg/Kg wet	2.27		92.2	70-130	0.217	20	
1,1,2,2-Tetrachloroethane	2.15	0.45	mg/Kg wet	2.27		94.8	70-130	0.105	20	
Tetrachloroethylene	2.25	0.23	mg/Kg wet	2.27		99.3	70-130	3.95	20	
Tetrahydrofuran	1.87	2.3	mg/Kg wet	2.27		82.5	70-130	2.04	20	
Toluene	2.25	0.23	mg/Kg wet	2.27		99.2	70-130	3.08	20	
1,2,3-Trichlorobenzene	2.18	1.1	mg/Kg wet	2.27		96.0	70-130	5.27	20	
1,2,4-Trichlorobenzene	2.23	0.23	mg/Kg wet	2.27		98.3	70-130	0.710	20	
1,1,1-Trichloroethane	2.42	0.23	mg/Kg wet	2.27		107	70-130	3.14	20	
1,1,2-Trichloroethane	2.21	0.23	mg/Kg wet	2.27		97.3	70-130	0.308	20	
Trichloroethylene	2.25	0.23	mg/Kg wet	2.27		99.2	70-130	4.82	20	
Trichlorofluoromethane (Freon 11)	2.66	0.45	mg/Kg wet	2.27		117	70-130	1.44	20	V-06
1,2,3-Trichloropropane	1.89	0.45	mg/Kg wet	2.27		83.3	70-130	4.46	20	
1,2,4-Trimethylbenzene	2.31	0.23	mg/Kg wet	2.27		102	70-130	3.76	20	
1,3,5-Trimethylbenzene	2.27	0.23	mg/Kg wet	2.27		100	70-130	2.56	20	
Vinyl Chloride	2.26	0.45	mg/Kg wet	2.27		99.5	70-130	3.26	20	
m+p Xylene	4.61	0.45	mg/Kg wet	4.53		102	70-130	1.76	20	
o-Xylene	2.34	0.23	mg/Kg wet	2.27		103	70-130	0.290	20	
Surrogate: 1,2-Dichloroethane-d4	*6.05*		mg/Kg wet	5.33		113	70-130			
Surrogate: Toluene-d8	*5.65*		mg/Kg wet	5.33		106	70-130			
Surrogate: 4-Bromofluorobenzene	*5.64*		mg/Kg wet	5.33		106	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018579 - SW-846 3546										
Blank (B018579-BLK1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
Pentachlorophenol	ND	0.34	mg/Kg wet							V-19
Phenanthrene	ND	0.17	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018579 - SW-846 3546										
Blank (B018579-BLK1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	*6.78*		mg/Kg wet	6.67		102	30-130			
Surrogate: Phenol-d6	*6.84*		mg/Kg wet	6.67		103	30-130			
Surrogate: Nitrobenzene-d5	*2.68*		mg/Kg wet	3.33		80.4	30-130			
Surrogate: 2-Fluorobiphenyl	*2.44*		mg/Kg wet	3.33		73.3	30-130			
Surrogate: 2,4,6-Tribromophenol	*5.27*		mg/Kg wet	6.67		79.0	30-130			
Surrogate: Terphenyl-d14	*2.22*		mg/Kg wet	3.33		66.6	30-130			
LCS (B018579-BS1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Acenaphthene	1.32	0.17	mg/Kg wet	1.67		78.9	40-140			
Acenaphthylene	1.30	0.17	mg/Kg wet	1.67		78.1	40-140			
Acetophenone	0.729	0.34	mg/Kg wet	0.833		87.5	40-140			
Aniline	1.63	0.34	mg/Kg wet	1.67		97.6	40-140			
Anthracene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140			
Benzo(a)anthracene	1.34	0.17	mg/Kg wet	1.67		80.1	40-140			
Benzo(a)pyrene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140			
Benzo(b)fluoranthene	1.28	0.17	mg/Kg wet	1.67		77.1	40-140			
Benzo(g,h,i)perylene	1.17	0.17	mg/Kg wet	1.67		70.4	40-140			
Benzo(k)fluoranthene	1.32	0.17	mg/Kg wet	1.67		79.5	40-140			
Bis(2-chloroethoxy)methane	1.51	0.34	mg/Kg wet	1.67		90.5	40-140			
Bis(2-chloroethyl)ether	1.56	0.34	mg/Kg wet	1.67		93.7	40-140			
Bis(2-chloroisopropyl)ether	1.39	0.34	mg/Kg wet	1.67		83.7	40-140			
Bis(2-Ethylhexyl)phthalate	1.53	0.34	mg/Kg wet	1.67		91.8	40-140			
4-Bromophenylphenylether	1.52	0.34	mg/Kg wet	1.67		91.3	40-140			
Butylbenzylphthalate	1.45	0.66	mg/Kg wet	1.67		87.1	40-140			
4-Chloroaniline	0.555	0.66	mg/Kg wet	1.67		33.3	15-140			†
2-Chloronaphthalene	1.30	0.34	mg/Kg wet	1.67		77.7	40-140			
2-Chlorophenol	1.56	0.34	mg/Kg wet	1.67		93.7	30-130			
Chrysene	1.33	0.17	mg/Kg wet	1.67		79.9	40-140			
Dibenz(a,h)anthracene	1.26	0.17	mg/Kg wet	1.67		75.6	40-140			
Dibenzofuran	1.51	0.34	mg/Kg wet	1.67		90.7	40-140			
Di-n-butylphthalate	1.53	0.34	mg/Kg wet	1.67		91.9	40-140			
1,2-Dichlorobenzene	1.56	0.34	mg/Kg wet	1.67		93.9	40-140			
1,3-Dichlorobenzene	1.51	0.34	mg/Kg wet	1.67		90.8	40-140			
1,4-Dichlorobenzene	1.54	0.34	mg/Kg wet	1.67		92.6	40-140			
3,3-Dichlorobenzidine	1.40	0.17	mg/Kg wet	1.67		84.3	40-140			
2,4-Dichlorophenol	1.60	0.34	mg/Kg wet	1.67		96.1	30-130			
Diethylphthalate	1.45	0.34	mg/Kg wet	1.67		87.2	40-140			
2,4-Dimethylphenol	1.48	0.34	mg/Kg wet	1.67		89.0	30-130			
Dimethylphthalate	1.47	0.66	mg/Kg wet	1.67		88.4	40-140			
2,4-Dinitrophenol	1.26	0.66	mg/Kg wet	1.67		75.5	15-140			†
2,4-Dinitrotoluene	1.50	0.34	mg/Kg wet	1.67		90.0	40-140			
2,6-Dinitrotoluene	1.55	0.34	mg/Kg wet	1.67		92.8	40-140			
Di-n-octylphthalate	1.59	0.66	mg/Kg wet	1.67		95.3	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.53	0.34	mg/Kg wet	1.67		91.5	40-140			
Fluoranthene	1.47	0.17	mg/Kg wet	1.67		87.9	40-140			
Fluorene	1.33	0.17	mg/Kg wet	1.67		79.7	40-140			
Hexachlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.3	40-140			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B018579 - SW-846 3546											
LCS (B018579-BS1)				Prepared: 09/01/10 Analyzed: 09/02/10							
Hexachlorobutadiene	1.45	0.34	mg/Kg wet	1.67		87.1	40-140				
Hexachloroethane	1.51	0.34	mg/Kg wet	1.67		90.4	40-140				
Indeno(1,2,3-cd)pyrene	1.22	0.17	mg/Kg wet	1.67		73.2	40-140				
Isophorone	1.55	0.34	mg/Kg wet	1.67		93.0	40-140				
2-Methylnaphthalene	1.52	0.17	mg/Kg wet	1.67		91.3	40-140				
2-Methylphenol	1.50	0.34	mg/Kg wet	1.67		89.9	30-130				
3/4-Methylphenol	1.41	0.34	mg/Kg wet	1.67		84.9	30-130				
Naphthalene	1.28	0.17	mg/Kg wet	1.67		76.6	40-140				
Nitrobenzene	1.49	0.34	mg/Kg wet	1.67		89.3	40-140				
2-Nitrophenol	1.55	0.34	mg/Kg wet	1.67		92.8	30-130				
4-Nitrophenol	1.32	0.66	mg/Kg wet	1.67		79.5	15-140				†
Pentachlorophenol	1.24	0.34	mg/Kg wet	1.67		74.7	30-130			V-19	
Phenanthrene	1.34	0.17	mg/Kg wet	1.67		80.2	40-140				
Phenol	1.74	0.34	mg/Kg wet	1.67		104	15-140				†
Pyrene	1.18	0.17	mg/Kg wet	1.67		71.0	40-140				
1,2,4-Trichlorobenzene	1.54	0.34	mg/Kg wet	1.67		92.6	40-140				
2,4,5-Trichlorophenol	1.50	0.34	mg/Kg wet	1.67		90.3	30-130				
2,4,6-Trichlorophenol	1.55	0.34	mg/Kg wet	1.67		93.1	30-130				
Surrogate: 2-Fluorophenol	*6.38*		mg/Kg wet	6.67		95.8	30-130				
Surrogate: Phenol-d6	*6.16*		mg/Kg wet	6.67		92.4	30-130				
Surrogate: Nitrobenzene-d5	*2.90*		mg/Kg wet	3.33		87.0	30-130				
Surrogate: 2-Fluorobiphenyl	*2.78*		mg/Kg wet	3.33		83.3	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.35*		mg/Kg wet	6.67		95.2	30-130				
Surrogate: Terphenyl-d14	*2.61*		mg/Kg wet	3.33		78.4	30-130				
LCS Dup (B018579-BSD1)				Prepared: 09/01/10 Analyzed: 09/02/10							
Acenaphthene	1.35	0.17	mg/Kg wet	1.67		81.1	40-140	2.67	30		
Acenaphthylene	1.33	0.17	mg/Kg wet	1.67		79.5	40-140	1.83	30		
Acetophenone	0.722	0.34	mg/Kg wet	0.833		86.7	40-140	0.964	30		
Aniline	1.49	0.34	mg/Kg wet	1.67		89.2	40-140	9.03	30		
Anthracene	1.36	0.17	mg/Kg wet	1.67		81.5	40-140	0.912	30		
Benzo(a)anthracene	1.29	0.17	mg/Kg wet	1.67		77.3	40-140	3.53	30		
Benzo(a)pyrene	1.30	0.17	mg/Kg wet	1.67		78.2	40-140	3.27	30		
Benzo(b)fluoranthene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140	5.74	30		
Benzo(g,h,i)perylene	1.34	0.17	mg/Kg wet	1.67		80.1	40-140	12.9	30		
Benzo(k)fluoranthene	1.29	0.17	mg/Kg wet	1.67		77.7	40-140	2.32	30		
Bis(2-chloroethoxy)methane	1.51	0.34	mg/Kg wet	1.67		90.5	40-140	0.0221	30		
Bis(2-chloroethyl)ether	1.58	0.34	mg/Kg wet	1.67		94.7	40-140	1.13	30		
Bis(2-chloroisopropyl)ether	1.42	0.34	mg/Kg wet	1.67		85.2	40-140	1.82	30		
Bis(2-Ethylhexyl)phthalate	1.52	0.34	mg/Kg wet	1.67		91.4	40-140	0.459	30		
4-Bromophenylphenylether	1.55	0.34	mg/Kg wet	1.67		92.9	40-140	1.67	30		
Butylbenzylphthalate	1.47	0.66	mg/Kg wet	1.67		88.2	40-140	1.32	30		
4-Chloroaniline	0.440	0.66	mg/Kg wet	1.67		26.4	15-140	23.0	30		†
2-Chloronaphthalene	1.34	0.34	mg/Kg wet	1.67		80.2	40-140	3.14	30		
2-Chlorophenol	1.58	0.34	mg/Kg wet	1.67		94.6	30-130	0.935	30		
Chrysene	1.29	0.17	mg/Kg wet	1.67		77.5	40-140	3.05	30		
Dibenz(a,h)anthracene	1.39	0.17	mg/Kg wet	1.67		83.6	40-140	10.1	30		
Dibenzofuran	1.54	0.34	mg/Kg wet	1.67		92.3	40-140	1.73	30		
Di-n-butylphthalate	1.55	0.34	mg/Kg wet	1.67		93.2	40-140	1.32	30		
1,2-Dichlorobenzene	1.58	0.34	mg/Kg wet	1.67		94.8	40-140	0.954	30		
1,3-Dichlorobenzene	1.54	0.34	mg/Kg wet	1.67		92.4	40-140	1.72	30		
1,4-Dichlorobenzene	1.55	0.34	mg/Kg wet	1.67		92.9	40-140	0.280	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B018579 - SW-846 3546											
LCS Dup (B018579-BSD1)				Prepared: 09/01/10 Analyzed: 09/02/10							
3,3-Dichlorobenzidine	1.23	0.17	mg/Kg wet	1.67		73.9	40-140	13.1	30		
2,4-Dichlorophenol	1.60	0.34	mg/Kg wet	1.67		95.7	30-130	0.396	30		
Diethylphthalate	1.48	0.34	mg/Kg wet	1.67		88.8	40-140	1.84	30		
2,4-Dimethylphenol	1.47	0.34	mg/Kg wet	1.67		88.4	30-130	0.699	30		
Dimethylphthalate	1.49	0.66	mg/Kg wet	1.67		89.7	40-140	1.41	30		
2,4-Dinitrophenol	1.27	0.66	mg/Kg wet	1.67		76.1	15-140	0.739	30		†
2,4-Dinitrotoluene	1.52	0.34	mg/Kg wet	1.67		91.1	40-140	1.21	30		
2,6-Dinitrotoluene	1.57	0.34	mg/Kg wet	1.67		94.4	40-140	1.69	30		
Di-n-octylphthalate	1.56	0.66	mg/Kg wet	1.67		93.4	40-140	2.03	30		
1,2-Diphenylhydrazine (as Azobenzene)	1.56	0.34	mg/Kg wet	1.67		93.5	40-140	2.14	30		
Fluoranthene	1.42	0.17	mg/Kg wet	1.67		85.4	40-140	2.91	30		
Fluorene	1.35	0.17	mg/Kg wet	1.67		81.0	40-140	1.52	30		
Hexachlorobenzene	1.53	0.34	mg/Kg wet	1.67		91.7	40-140	2.70	30		
Hexachlorobutadiene	1.47	0.34	mg/Kg wet	1.67		88.2	40-140	1.21	30		
Hexachloroethane	1.50	0.34	mg/Kg wet	1.67		90.2	40-140	0.199	30		
Indeno(1,2,3-cd)pyrene	1.35	0.17	mg/Kg wet	1.67		81.1	40-140	10.2	30		
Isophorone	1.55	0.34	mg/Kg wet	1.67		93.1	40-140	0.193	30		
2-Methylnaphthalene	1.53	0.17	mg/Kg wet	1.67		91.9	40-140	0.633	30		
2-Methylphenol	1.52	0.34	mg/Kg wet	1.67		91.1	30-130	1.35	30		
3/4-Methylphenol	1.41	0.34	mg/Kg wet	1.67		84.8	30-130	0.0235	30		
Naphthalene	1.30	0.17	mg/Kg wet	1.67		77.8	40-140	1.63	30		
Nitrobenzene	1.49	0.34	mg/Kg wet	1.67		89.6	40-140	0.425	30		
2-Nitrophenol	1.54	0.34	mg/Kg wet	1.67		92.7	30-130	0.172	30		
4-Nitrophenol	1.31	0.66	mg/Kg wet	1.67		78.4	15-140	1.42	30		†
Pentachlorophenol	1.27	0.34	mg/Kg wet	1.67		76.5	30-130	2.38	30	V-19	
Phenanthrene	1.36	0.17	mg/Kg wet	1.67		81.7	40-140	1.83	30		
Phenol	1.74	0.34	mg/Kg wet	1.67		104	15-140	0.192	30		†
Pyrene	1.26	0.17	mg/Kg wet	1.67		75.9	40-140	6.62	30		
1,2,4-Trichlorobenzene	1.56	0.34	mg/Kg wet	1.67		93.9	40-140	1.39	30		
2,4,5-Trichlorophenol	1.52	0.34	mg/Kg wet	1.67		91.4	30-130	1.25	30		
2,4,6-Trichlorophenol	1.58	0.34	mg/Kg wet	1.67		95.1	30-130	2.08	30		
Surrogate: 2-Fluorophenol	*6.08*		mg/Kg wet	6.67		91.2	30-130				
Surrogate: Phenol-d6	*5.90*		mg/Kg wet	6.67		88.5	30-130				
Surrogate: Nitrobenzene-d5	*2.77*		mg/Kg wet	3.33		83.0	30-130				
Surrogate: 2-Fluorobiphenyl	*2.70*		mg/Kg wet	3.33		81.1	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.18*		mg/Kg wet	6.67		92.7	30-130				
Surrogate: Terphenyl-d14	*2.63*		mg/Kg wet	3.33		78.8	30-130				
Batch B018651 - SW-846 3546											
Blank (B018651-BLK1)				Prepared & Analyzed: 09/02/10							
Acenaphthene	ND	0.17	mg/Kg wet								
Acenaphthylene	ND	0.17	mg/Kg wet								
Acetophenone	ND	0.34	mg/Kg wet								
Aniline	ND	0.34	mg/Kg wet								
Anthracene	ND	0.17	mg/Kg wet								
Benzo(a)anthracene	ND	0.17	mg/Kg wet								
Benzo(a)pyrene	ND	0.17	mg/Kg wet								
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet								
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet								
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet								
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet								
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet								

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018651 - SW-846 3546										
Blank (B018651-BLK1)				Prepared & Analyzed: 09/02/10						
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
Pentachlorophenol	ND	0.34	mg/Kg wet							V-19
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	*6.75*		mg/Kg wet	6.67		101	30-130			
Surrogate: Phenol-d6	*6.79*		mg/Kg wet	6.67		102	30-130			
Surrogate: Nitrobenzene-d5	*2.68*		mg/Kg wet	3.33		80.5	30-130			
Surrogate: 2-Fluorobiphenyl	*2.53*		mg/Kg wet	3.33		76.0	30-130			
Surrogate: 2,4,6-Tribromophenol	*4.79*		mg/Kg wet	6.67		71.9	30-130			
Surrogate: Terphenyl-d14	*2.32*		mg/Kg wet	3.33		69.7	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B018651 - SW-846 3546											
LCS (B018651-BS1)				Prepared & Analyzed: 09/02/10							
Acenaphthene	1.31	0.17	mg/Kg wet	1.67		78.5	40-140				
Acenaphthylene	1.30	0.17	mg/Kg wet	1.67		78.1	40-140				
Acetophenone	0.765	0.34	mg/Kg wet	0.833		91.8	40-140				
Aniline	1.63	0.34	mg/Kg wet	1.67		97.9	40-140				
Anthracene	1.34	0.17	mg/Kg wet	1.67		80.3	40-140				
Benzo(a)anthracene	1.33	0.17	mg/Kg wet	1.67		79.8	40-140				
Benzo(a)pyrene	1.32	0.17	mg/Kg wet	1.67		79.5	40-140				
Benzo(b)fluoranthene	1.24	0.17	mg/Kg wet	1.67		74.3	40-140				
Benzo(g,h,i)perylene	1.34	0.17	mg/Kg wet	1.67		80.1	40-140				
Benzo(k)fluoranthene	1.32	0.17	mg/Kg wet	1.67		79.1	40-140				
Bis(2-chloroethoxy)methane	1.54	0.34	mg/Kg wet	1.67		92.5	40-140				
Bis(2-chloroethyl)ether	1.66	0.34	mg/Kg wet	1.67		99.3	40-140				
Bis(2-chloroisopropyl)ether	1.47	0.34	mg/Kg wet	1.67		88.0	40-140				
Bis(2-Ethylhexyl)phthalate	1.56	0.34	mg/Kg wet	1.67		93.5	40-140				
4-Bromophenylphenylether	1.63	0.34	mg/Kg wet	1.67		98.0	40-140				
Butylbenzylphthalate	1.49	0.66	mg/Kg wet	1.67		89.6	40-140				
4-Chloroaniline	0.516	0.66	mg/Kg wet	1.67		30.9	15-140				†
2-Chloronaphthalene	1.34	0.34	mg/Kg wet	1.67		80.2	40-140				
2-Chlorophenol	1.64	0.34	mg/Kg wet	1.67		98.3	30-130				
Chrysene	1.34	0.17	mg/Kg wet	1.67		80.2	40-140				
Dibenz(a,h)anthracene	1.36	0.17	mg/Kg wet	1.67		81.7	40-140				
Dibenzofuran	1.45	0.34	mg/Kg wet	1.67		87.2	40-140				
Di-n-butylphthalate	1.46	0.34	mg/Kg wet	1.67		87.5	40-140				
1,2-Dichlorobenzene	1.56	0.34	mg/Kg wet	1.67		93.8	40-140				
1,3-Dichlorobenzene	1.52	0.34	mg/Kg wet	1.67		91.5	40-140				
1,4-Dichlorobenzene	1.55	0.34	mg/Kg wet	1.67		93.0	40-140				
3,3-Dichlorobenzidine	1.32	0.17	mg/Kg wet	1.67		79.3	40-140			V-06	
2,4-Dichlorophenol	1.61	0.34	mg/Kg wet	1.67		96.4	30-130				
Diethylphthalate	1.32	0.34	mg/Kg wet	1.67		79.1	40-140				
2,4-Dimethylphenol	1.51	0.34	mg/Kg wet	1.67		90.8	30-130				
Dimethylphthalate	1.43	0.66	mg/Kg wet	1.67		85.5	40-140				
2,4-Dinitrophenol	1.11	0.66	mg/Kg wet	1.67		66.4	15-140				†
2,4-Dinitrotoluene	1.29	0.34	mg/Kg wet	1.67		77.5	40-140				
2,6-Dinitrotoluene	1.46	0.34	mg/Kg wet	1.67		87.8	40-140				
Di-n-octylphthalate	1.63	0.66	mg/Kg wet	1.67		98.1	40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.71	0.34	mg/Kg wet	1.67		103	40-140				
Fluoranthene	1.31	0.17	mg/Kg wet	1.67		78.7	40-140				
Fluorene	1.24	0.17	mg/Kg wet	1.67		74.4	40-140				
Hexachlorobenzene	1.58	0.34	mg/Kg wet	1.67		94.7	40-140				
Hexachlorobutadiene	1.43	0.34	mg/Kg wet	1.67		86.0	40-140				
Hexachloroethane	1.51	0.34	mg/Kg wet	1.67		90.7	40-140				
Indeno(1,2,3-cd)pyrene	1.34	0.17	mg/Kg wet	1.67		80.4	40-140				
Isophorone	1.57	0.34	mg/Kg wet	1.67		94.0	40-140				
2-Methylnaphthalene	1.51	0.17	mg/Kg wet	1.67		90.9	40-140				
2-Methylphenol	1.61	0.34	mg/Kg wet	1.67		96.4	30-130				
3/4-Methylphenol	1.53	0.34	mg/Kg wet	1.67		92.0	30-130				
Naphthalene	1.27	0.17	mg/Kg wet	1.67		76.1	40-140				
Nitrobenzene	1.47	0.34	mg/Kg wet	1.67		88.0	40-140				
2-Nitrophenol	1.54	0.34	mg/Kg wet	1.67		92.4	30-130				
4-Nitrophenol	1.12	0.66	mg/Kg wet	1.67		67.2	15-140				†
Pentachlorophenol	1.18	0.34	mg/Kg wet	1.67		70.8	30-130			V-19	
Phenanthrene	1.34	0.17	mg/Kg wet	1.67		80.5	40-140				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018651 - SW-846 3546										
LCS (B018651-BS1)				Prepared & Analyzed: 09/02/10						
Phenol	1.81	0.34	mg/Kg wet	1.67		108	15-140			†
Pyrene	1.29	0.17	mg/Kg wet	1.67		77.2	40-140			
1,2,4-Trichlorobenzene	1.53	0.34	mg/Kg wet	1.67		92.1	40-140			
2,4,5-Trichlorophenol	1.52	0.34	mg/Kg wet	1.67		91.2	30-130			
2,4,6-Trichlorophenol	1.59	0.34	mg/Kg wet	1.67		95.3	30-130			
Surrogate: 2-Fluorophenol	*6.49*		mg/Kg wet	6.67		97.3	30-130			
Surrogate: Phenol-d6	*6.52*		mg/Kg wet	6.67		97.8	30-130			
Surrogate: Nitrobenzene-d5	*2.81*		mg/Kg wet	3.33		84.4	30-130			
Surrogate: 2-Fluorobiphenyl	*2.93*		mg/Kg wet	3.33		88.0	30-130			
Surrogate: 2,4,6-Tribromophenol	*5.56*		mg/Kg wet	6.67		83.3	30-130			
Surrogate: Terphenyl-d14	*2.86*		mg/Kg wet	3.33		85.9	30-130			
LCS Dup (B018651-BSD1)				Prepared & Analyzed: 09/02/10						
Acenaphthene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140	2.84	30	
Acenaphthylene	1.32	0.17	mg/Kg wet	1.67		79.5	40-140	1.75	30	
Acetophenone	0.740	0.34	mg/Kg wet	0.833		88.8	40-140	3.32	30	
Aniline	1.53	0.34	mg/Kg wet	1.67		91.9	40-140	6.34	30	
Anthracene	1.36	0.17	mg/Kg wet	1.67		81.8	40-140	1.85	30	
Benzo(a)anthracene	1.31	0.17	mg/Kg wet	1.67		78.6	40-140	1.49	30	
Benzo(a)pyrene	1.30	0.17	mg/Kg wet	1.67		77.9	40-140	2.01	30	
Benzo(b)fluoranthene	1.23	0.17	mg/Kg wet	1.67		73.8	40-140	0.675	30	
Benzo(g,h,i)perylene	1.29	0.17	mg/Kg wet	1.67		77.4	40-140	3.38	30	
Benzo(k)fluoranthene	1.31	0.17	mg/Kg wet	1.67		78.5	40-140	0.736	30	
Bis(2-chloroethoxy)methane	1.53	0.34	mg/Kg wet	1.67		91.7	40-140	0.869	30	
Bis(2-chloroethyl)ether	1.61	0.34	mg/Kg wet	1.67		96.9	40-140	2.51	30	
Bis(2-chloroisopropyl)ether	1.43	0.34	mg/Kg wet	1.67		85.8	40-140	2.51	30	
Bis(2-Ethylhexyl)phthalate	1.56	0.34	mg/Kg wet	1.67		93.4	40-140	0.0214	30	
4-Bromophenylphenylether	1.58	0.34	mg/Kg wet	1.67		95.0	40-140	3.19	30	
Butylbenzylphthalate	1.49	0.66	mg/Kg wet	1.67		89.6	40-140	0.0223	30	
4-Chloroaniline	0.555	0.66	mg/Kg wet	1.67		33.3	15-140	7.29	30	†
2-Chloronaphthalene	1.34	0.34	mg/Kg wet	1.67		80.2	40-140	0.0249	30	
2-Chlorophenol	1.59	0.34	mg/Kg wet	1.67		95.6	30-130	2.74	30	
Chrysene	1.29	0.17	mg/Kg wet	1.67		77.5	40-140	3.42	30	
Dibenz(a,h)anthracene	1.34	0.17	mg/Kg wet	1.67		80.3	40-140	1.78	30	
Dibenzofuran	1.52	0.34	mg/Kg wet	1.67		91.3	40-140	4.59	30	
Di-n-butylphthalate	1.54	0.34	mg/Kg wet	1.67		92.4	40-140	5.45	30	
1,2-Dichlorobenzene	1.59	0.34	mg/Kg wet	1.67		95.2	40-140	1.46	30	
1,3-Dichlorobenzene	1.55	0.34	mg/Kg wet	1.67		93.0	40-140	1.67	30	
1,4-Dichlorobenzene	1.55	0.34	mg/Kg wet	1.67		93.2	40-140	0.258	30	
3,3-Dichlorobenzidine	1.26	0.17	mg/Kg wet	1.67		75.4	40-140	5.04	30	V-06
2,4-Dichlorophenol	1.60	0.34	mg/Kg wet	1.67		95.7	30-130	0.708	30	
Diethylphthalate	1.47	0.34	mg/Kg wet	1.67		88.3	40-140	11.0	30	
2,4-Dimethylphenol	1.48	0.34	mg/Kg wet	1.67		88.7	30-130	2.27	30	
Dimethylphthalate	1.50	0.66	mg/Kg wet	1.67		90.0	40-140	5.15	30	
2,4-Dinitrophenol	1.29	0.66	mg/Kg wet	1.67		77.5	15-140	15.5	30	†
2,4-Dinitrotoluene	1.49	0.34	mg/Kg wet	1.67		89.2	40-140	14.0	30	
2,6-Dinitrotoluene	1.57	0.34	mg/Kg wet	1.67		94.2	40-140	7.05	30	
Di-n-octylphthalate	1.62	0.66	mg/Kg wet	1.67		96.9	40-140	1.17	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.60	0.34	mg/Kg wet	1.67		95.9	40-140	6.83	30	
Fluoranthene	1.38	0.17	mg/Kg wet	1.67		82.7	40-140	4.91	30	
Fluorene	1.33	0.17	mg/Kg wet	1.67		79.9	40-140	7.23	30	
Hexachlorobenzene	1.53	0.34	mg/Kg wet	1.67		92.1	40-140	2.83	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B018651 - SW-846 3546											
LCS Dup (B018651-BSD1)				Prepared & Analyzed: 09/02/10							
Hexachlorobutadiene	1.47	0.34	mg/Kg wet	1.67		88.2	40-140	2.43	30		
Hexachloroethane	1.52	0.34	mg/Kg wet	1.67		91.4	40-140	0.769	30		
Indeno(1,2,3-cd)pyrene	1.29	0.17	mg/Kg wet	1.67		77.2	40-140	4.14	30		
Isophorone	1.57	0.34	mg/Kg wet	1.67		94.2	40-140	0.234	30		
2-Methylnaphthalene	1.53	0.17	mg/Kg wet	1.67		91.5	40-140	0.724	30		
2-Methylphenol	1.51	0.34	mg/Kg wet	1.67		90.8	30-130	5.98	30		
3/4-Methylphenol	1.44	0.34	mg/Kg wet	1.67		86.1	30-130	6.65	30		
Naphthalene	1.29	0.17	mg/Kg wet	1.67		77.4	40-140	1.62	30		
Nitrobenzene	1.49	0.34	mg/Kg wet	1.67		89.7	40-140	1.91	30		
2-Nitrophenol	1.56	0.34	mg/Kg wet	1.67		93.3	30-130	0.969	30		
4-Nitrophenol	1.32	0.66	mg/Kg wet	1.67		79.2	15-140	16.3	30		†
Pentachlorophenol	1.28	0.34	mg/Kg wet	1.67		76.8	30-130	8.16	30	V-19	
Phenanthrene	1.36	0.17	mg/Kg wet	1.67		81.5	40-140	1.19	30		
Phenol	1.72	0.34	mg/Kg wet	1.67		103	15-140	4.89	30		†
Pyrene	1.28	0.17	mg/Kg wet	1.67		76.9	40-140	0.337	30		
1,2,4-Trichlorobenzene	1.57	0.34	mg/Kg wet	1.67		94.2	40-140	2.30	30		
2,4,5-Trichlorophenol	1.58	0.34	mg/Kg wet	1.67		95.1	30-130	4.17	30		
2,4,6-Trichlorophenol	1.59	0.34	mg/Kg wet	1.67		95.5	30-130	0.252	30		
Surrogate: 2-Fluorophenol	*6.08*		mg/Kg wet	6.67		91.2	30-130				
Surrogate: Phenol-d6	*5.86*		mg/Kg wet	6.67		87.9	30-130				
Surrogate: Nitrobenzene-d5	*2.78*		mg/Kg wet	3.33		83.4	30-130				
Surrogate: 2-Fluorobiphenyl	*2.72*		mg/Kg wet	3.33		81.5	30-130				
Surrogate: 2,4,6-Tribromophenol	*5.94*		mg/Kg wet	6.67		89.1	30-130				
Surrogate: Terphenyl-d14	*2.70*		mg/Kg wet	3.33		81.1	30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018573 - SW-846 3546										
Blank (B018573-BLK1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.187*		mg/Kg wet	0.200		93.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.133*		mg/Kg wet	0.200		66.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.215*		mg/Kg wet	0.200		108	30-150			
LCS (B018573-BS1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		112	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		109	40-140			
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		98.6	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		92.5	40-140			
Surrogate: Decachlorobiphenyl	*0.200*		mg/Kg wet	0.200		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.165*		mg/Kg wet	0.200		82.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.233*		mg/Kg wet	0.200		116	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.229*		mg/Kg wet	0.200		115	30-150			
LCS Dup (B018573-BSD1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		114	40-140	1.47	30	
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140	2.55	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		95.6	40-140	3.05	30	
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		89.1	40-140	3.74	30	
Surrogate: Decachlorobiphenyl	*0.189*		mg/Kg wet	0.200		94.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.156*		mg/Kg wet	0.200		78.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.231*		mg/Kg wet	0.200		115	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.224*		mg/Kg wet	0.200		112	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018575 - SW-846 3546										
Blank (B018575-BLK1)				Prepared: 09/01/10 Analyzed: 09/02/10						
TPH as Diesel	ND	8.3	mg/Kg wet							
LCS (B018575-BS1)				Prepared: 09/01/10 Analyzed: 09/02/10						
TPH as Diesel	26.5	8.3	mg/Kg wet	33.3		79.4	40-140			
LCS Dup (B018575-BSD1)				Prepared: 09/01/10 Analyzed: 09/02/10						
TPH as Diesel	27.5	8.3	mg/Kg wet	33.3		82.4	40-140	3.68	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018566 - SW-846 3050B										
Blank (B018566-BLK1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
LCS (B018566-BS1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Arsenic	104	4.7	mg/Kg wet	99.7		104	81.6-118.4			
Barium	310	4.7	mg/Kg wet	308		101	80.7-119.3			
Cadmium	235	0.47	mg/Kg wet	227		104	82.4-117.6			
Chromium	76.7	0.93	mg/Kg wet	75.1		102	78.8-120.7			
Lead	95.4	1.4	mg/Kg wet	99.7		95.7	79.1-120.3			
Selenium	173	9.3	mg/Kg wet	165		105	78.4-120.9			
Silver	39.6	0.93	mg/Kg wet	43.0		92.1	66.2-133.6			
LCS (B018566-BS2)				Prepared: 09/01/10 Analyzed: 09/02/10						
Lead	0.798	0.75	mg/Kg wet	0.750		106	80-120			
LCS Dup (B018566-BSD1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Arsenic	104	4.7	mg/Kg wet	101		103	81.6-118.4	0.205	30	
Barium	307	4.7	mg/Kg wet	312		98.3	80.7-119.3	1.14	30	
Cadmium	227	0.47	mg/Kg wet	230		98.6	82.4-117.6	3.75	30	
Chromium	75.7	0.94	mg/Kg wet	75.9		99.7	78.8-120.7	1.27	30	
Lead	97.4	1.4	mg/Kg wet	101		96.6	79.1-120.3	2.02	30	
Selenium	170	9.4	mg/Kg wet	167		102	78.4-120.9	1.83	30	
Silver	40.0	0.94	mg/Kg wet	43.5		91.9	66.2-133.6	0.886	30	
Batch B018568 - SW-846 7471A										
Blank (B018568-BLK1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Mercury	ND	0.025	mg/Kg wet							
LCS (B018568-BS1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Mercury	1.01	0.030	mg/Kg wet	1.25		81.2	66-132			
LCS Dup (B018568-BSD1)				Prepared: 09/01/10 Analyzed: 09/02/10						
Mercury	1.18	0.029	mg/Kg wet	1.25		94.4	66-132	15.1	30	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018624 - SM18-20 2510B										
Blank (B018624-BLK1)				Prepared & Analyzed: 09/01/10						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B018624-BS1)				Prepared & Analyzed: 09/01/10						
Specific conductance	150	2.0	µmhos/cm	147		101	83.2-102			

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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018635 - SW-846 3010A										
Blank (B018635-BLK1)				Prepared & Analyzed: 09/02/10						
Arsenic	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
LCS (B018635-BS1)				Prepared & Analyzed: 09/02/10						
Arsenic	0.559	0.010	mg/L	0.500		112	80-120			
Lead	0.496	0.010	mg/L	0.500		99.2	80-120			
LCS Dup (B018635-BSD1)				Prepared & Analyzed: 09/02/10						
Arsenic	0.548	0.010	mg/L	0.500		110	80-120	1.83	20	
Lead	0.483	0.010	mg/L	0.500		96.7	80-120	2.61	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits estabished for difficult compound.
‡	Wide RPD limits estabished for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
RL-07	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met.
S-19	Surrogate recovery is outside of control limits, matrix interference suspected. Reanalysis yielded similar surrogate non-conformance.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-19	Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.
Z-01	Sample analyzed past recommended 12 hour calibration critieria. Re-analysis performed within criteria.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010B in Soil	
Arsenic	CT,NH,NY
Barium	CT,NH,NY
Cadmium	CT,NH,NY
Chromium	CT,NH,NY
Lead	CT,NH,NY,AIHA
Selenium	CT,NH,NY
Silver	CT,NH,NY
SW-846 6010B in Water	
Arsenic	NY,CT
Lead	NY,CT
SW-846 7471A in Soil	
Mercury	CT,NH,NY
SW-846 7471B in Soil	
Mercury	CT,NH,NY
SW-846 8082 in Soil	
Aroclor-1016	CT,NH,NY,NC
Aroclor-1016 [2C]	CT,NH,NY,NC
Aroclor-1221	CT,NH,NY,NC
Aroclor-1221 [2C]	CT,NH,NY,NC
Aroclor-1232	CT,NH,NY,NC
Aroclor-1232 [2C]	CT,NH,NY,NC
Aroclor-1242	CT,NH,NY,NC
Aroclor-1242 [2C]	CT,NH,NY,NC
Aroclor-1248	CT,NH,NY,NC
Aroclor-1248 [2C]	CT,NH,NY,NC
Aroclor-1254	CT,NH,NY,NC
Aroclor-1254 [2C]	CT,NH,NY,NC
Aroclor-1260	CT,NH,NY,NC
Aroclor-1260 [2C]	CT,NH,NY,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromochloromethane	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
tert-Butylbenzene	CT,NH,NY,NC
tert-Butyl Ethyl Ether (TBEE)	NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NC
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270C in Soil	
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

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10H0904

Company Name: Triumvirate Environmental, Inc.
Address: 61 Inner Belt Road
Somerville MA 02143
Attention: Jason Atwood
Project Location: New Bedford Walsh Varsity Field
Sampled By: James Foster

Telephone: 617-715-8997
Project # 68280
Client PO# NE9570

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: jatwood@triumvirate.com
Format: ◉ PDF ○ EXCEL ○ GIS
○ OTHER_____
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	TCLP Lead, Arsenic	Total RCRA 8 Metals	TPH by 8100	PCBs	SVOCs by 8270	VOCs by 8260	Coductivity					# of Containers / ** Preservation / ***Container Code
-01	Varsity Field Post Treat 1	8/26 2:00	2:10	x	x	s		✓	✓	✓	✓	✓	✓	✓					
-02	Varsity Field Post Treat 1a	8/26 2:00	2:10	X	x	s		✓											
-03	Varsity Field Post Treat 2	8/27 3:30	3:45	X	x	s		✓	✓	✓	✓	✓	✓	✓					
-04	Varsity Field Post Treat 2a	8/27 3:30	3:45	X	x	s		✓											
-05	Varsity Field Post Treat 3	8/27 3:30	3:45	X	x	s		✓	✓	✓	✓	✓	✓	✓					
-06	Varsity Field Post Treat 3a	8/27 3:30	3:45	X	x	s		✓											

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
5.0°C 8/31/10 1750

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) Fosts	Date/Time: 8/27 5:00	
Received by: (signature)	Date/Time: 8/27 5:00	
Relinquished by: (signature)	Date/Time: 8/31 5:00	
Received by: (signature)	Date/Time: 8/31/10 13:10	

Turnaround ††
☐ 7-Day
☑ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
◉ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Relinquished 8/31/11 1750

www.contestlabs.com

con-test ANALYTICAL LABORATORY

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

Sample Receipt Checklist

CLIENT NAME: Tri-Umvirate RECEIVED BY: CEC DATE: 8/31/10

1) Was the chain(s) of custody relinquished and signed? Yes No

2) Does the chain agree with the samples? Yes No

If not, explain:

3) Are all the samples in good condition? Yes No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank 5.0c Temperature °C by Temp gun

5) Are there Dissolved samples for the lab to filter? Yes No

Who was notified Date Time

6) Are there any samples "On Hold"? Yes No Stored where:

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes No

Who was notified Date Time

8) Location where samples are stored: 14

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	9
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	3	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl # Methanol 3

Bisulfate # DI Water

Thiosulfate Unpreserved

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A

Do all samples have the proper Base pH: Yes No N/A

June 2010

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 10H0904
Project Location: New Bedford Walsh Varsity Field	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

10H0904-01 thru 10H0904-06

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B (X)	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A (X)	6020 Metals CAM III D ( )	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☐ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

***Data User Note:* Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☐ Yes	☑ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: M Erickson Position: Laboratory Director

Printed Name: Michael A. Erickson Date: 09/03/10

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 15, 2010

Jason Atwood
Triumvirate Environmental
Box 136, 63 Innerbelt Road
Sommerville, MA 02143

Project Location: New Bedford Walsh Varsity Field
Client Job Number:
Project Number: 68280
Laboratory Work Order Number: 10I0404

Enclosed are results of analyses for samples received by the laboratory on September 13, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Triumvirate Environmental
Box 136, 63 Innerbelt Road
Sommerville, MA 02143
ATTN: Jason Atwood

REPORT DATE: 9/15/2010

PURCHASE ORDER NUMBER: NE9837

PROJECT NUMBER: 68280

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10I0404

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: New Bedford Walsh Varsity Field

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Walsh Varsity Field Characterization 6	10I0404-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1311	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8260B	
				SW-846 8270C	
Walsh Varsity Field Characterization 6a	10I0404-02	Soil		SW-846 1311	
				SW-846 6010B	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6010, only total RCRA 8 metals were requested and reported and only TCLP As and Pb results were requested and reported.

SW-846 6010B

Qualifications:

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Arsenic

B019212-BS1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Silver

10I0404-01[Walsh Varsity Field Characterization 6]

The interference check sample was outside control limits. Data validation is not affected since the sample result is non detect and the bias is on the high side.

Analyte & Samples(s) Qualified:

Silver

10I0404-01[Walsh Varsity Field Characterization 6]

SW-846 8260B

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Bromomethane

B019171-BLK1, B019171-BS1, B019171-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Chloroethane, Isopropylbenzene (Cumene)

B019171-BS1

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Acetone, Chloromethane, Dichlorodifluoromethane (Freon 12)

B019171-BS1, B019171-BSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane

B019171-BLK1, B019171-BS1, B019171-BSD1

Elevated reporting limit based on lowest point in calibration.
MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP), Bromoform, Carbon Disulfide, Methylene Chloride, Naphthalene, Tetrahydrofuran

10I0404-01[Walsh Varsity Field Characterization 6], B019171-BLK1

Surrogate recovery is outside of control limits. Data validation is not affected since all results are less than the reporting limit and bias is on the high side.

Analyte & Samples(s) Qualified:

4-Bromofluorobenzene, Toluene-d8

10I0404-01[Walsh Varsity Field Characterization 6]

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, Acetone, Bromomethane, Chloromethane

10I0404-01[Walsh Varsity Field Characterization 6], B019171-BLK1, B019171-BS1, B019171-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Tetrahydrofuran

10I0404-01[Walsh Varsity Field Characterization 6], B019171-BLK1, B019171-BS1, B019171-BSD1

SW-846 8270C

Qualifications:

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol

10I0404-01[Walsh Varsity Field Characterization 6]

Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.

Analyte & Samples(s) Qualified:

Pentachlorophenol

10I0404-01[Walsh Varsity Field Characterization 6], B019164-BLK1, B019164-BS1, B019164-BSD1

SW-846 8260B

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for “difficult analytes” where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

SW-846 8270C

Laboratory control sample recoveries for required MCP Data Enhancement 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative. Difficult analytes limits are 15 and 140%: 2,4-dinitrophenol, 4-chloroaniline, 4-nitrophenol, and phenol.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0404

Date Received: 9/13/2010

Field Sample #: Walsh Varsity Field Characterization 6 Sampled: 9/13/2010 13:30

Sample ID: 10I0404-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2.8	mg/Kg dry	1	V-05	SW-846 8260B	9/14/10	9/14/10 9:29	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.028	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Benzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Bromobenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Bromochloromethane	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Bromodichloromethane	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Bromoform	ND	0.56	mg/Kg dry	1	RL-07	SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Bromomethane	ND	0.11	mg/Kg dry	1	V-05	SW-846 8260B	9/14/10	9/14/10 9:29	MFF
2-Butanone (MEK)	ND	1.1	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
n-Butylbenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
sec-Butylbenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
tert-Butylbenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.028	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Carbon Disulfide	ND	0.56	mg/Kg dry	1	RL-07	SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Carbon Tetrachloride	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Chlorobenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Chlorodibromomethane	ND	0.028	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Chloroethane	ND	0.11	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Chloroform	ND	0.11	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Chloromethane	ND	0.11	mg/Kg dry	1	V-05	SW-846 8260B	9/14/10	9/14/10 9:29	MFF
2-Chlorotoluene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
4-Chlorotoluene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.28	mg/Kg dry	1	RL-07	SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,2-Dibromoethane (EDB)	ND	0.028	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Dibromomethane	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,2-Dichlorobenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,3-Dichlorobenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,4-Dichlorobenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.11	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,1-Dichloroethane	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,2-Dichloroethane	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,1-Dichloroethylene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
cis-1,2-Dichloroethylene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
trans-1,2-Dichloroethylene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,2-Dichloropropane	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,3-Dichloropropane	ND	0.028	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
2,2-Dichloropropane	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,1-Dichloropropene	ND	0.11	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
cis-1,3-Dichloropropene	ND	0.22	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
trans-1,3-Dichloropropene	ND	0.22	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Diethyl Ether	ND	0.11	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Diisopropyl Ether (DIPE)	ND	0.028	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,4-Dioxane	ND	2.8	mg/Kg dry	1	V-16	SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Ethylbenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0404

Date Received: 9/13/2010

Field Sample #: Walsh Varsity Field Characterization 6 Sampled: 9/13/2010 13:30

Sample ID: 10I0404-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
2-Hexanone (MBK)	ND	0.56	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Isopropylbenzene (Cumene)	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Methylene Chloride	ND	0.28	mg/Kg dry	1	RL-07	SW-846 8260B	9/14/10	9/14/10 9:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.56	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Naphthalene	ND	0.56	mg/Kg dry	1	RL-07	SW-846 8260B	9/14/10	9/14/10 9:29	MFF
n-Propylbenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Styrene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,1,1,2-Tetrachloroethane	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,1,2,2-Tetrachloroethane	ND	0.028	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Tetrachloroethylene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Tetrahydrofuran	ND	0.56	mg/Kg dry	1	RL-07, V-16	SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Toluene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,2,3-Trichlorobenzene	ND	0.28	mg/Kg dry	1	RL-07, V-05	SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,2,4-Trichlorobenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,1,1-Trichloroethane	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,1,2-Trichloroethane	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Trichloroethylene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Trichlorofluoromethane (Freon 11)	ND	0.11	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,2,3-Trichloropropane	ND	0.11	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,2,4-Trimethylbenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
1,3,5-Trimethylbenzene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
Vinyl Chloride	ND	0.11	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
m+p Xylene	ND	0.11	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF
o-Xylene	ND	0.056	mg/Kg dry	1		SW-846 8260B	9/14/10	9/14/10 9:29	MFF

Surrogates	% Recovery		Recovery Limits	Flag	
1,2-Dichloroethane-d4	114		70-130		9/14/10 9:29
Toluene-d8	**135**	*	70-130	S-17	9/14/10 9:29
4-Bromofluorobenzene	**131**	*	70-130	S-17	9/14/10 9:29

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0404

Date Received: 9/13/2010

Field Sample #: Walsh Varsity Field Characterization 6 Sampled: 9/13/2010 13:30

Sample ID: 10I0404-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Benzo(b)fluoranthene	0.21	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Butylbenzylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
4-Chloroaniline	ND	0.75	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Chrysene	0.21	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Dimethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
2,4-Dinitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Di-n-octylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Fluoranthene	0.33	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0404

Date Received: 9/13/2010

Field Sample #: Walsh Varsity Field Characterization 6 Sampled: 9/13/2010 13:30

Sample ID: 10I0404-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
4-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1	V-19	SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Phenanthrene	0.21	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
Pyrene	0.32	0.19	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/14/10	9/15/10 13:20	BGL

Surrogates	% Recovery		Recovery Limits	Flag	
2-Fluorophenol	57.6		30-130		9/15/10 13:20
Phenol-d6	67.1		30-130		9/15/10 13:20
Nitrobenzene-d5	43.8		30-130		9/15/10 13:20
2-Fluorobiphenyl	55.2		30-130		9/15/10 13:20
2,4,6-Tribromophenol	**22.5**	*	30-130	S-07	9/15/10 13:20
Terphenyl-d14	50.6		30-130		9/15/10 13:20

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0404

Date Received: 9/13/2010

Field Sample #: Walsh Varsity Field Characterization 6 Sampled: 9/13/2010 13:30

Sample ID: 10I0404-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/14/10	9/15/10 14:46	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/14/10	9/15/10 14:46	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/14/10	9/15/10 14:46	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/14/10	9/15/10 14:46	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/14/10	9/15/10 14:46	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/14/10	9/15/10 14:46	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/14/10	9/15/10 14:46	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/14/10	9/15/10 14:46	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/14/10	9/15/10 14:46	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	80.1	30-150		9/15/10 14:46
Decachlorobiphenyl [2]	77.6	30-150		9/15/10 14:46
Tetrachloro-m-xylene [1]	81.2	30-150		9/15/10 14:46
Tetrachloro-m-xylene [2]	75.6	30-150		9/15/10 14:46

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0404

Date Received: 9/13/2010

Field Sample #: **Walsh Varsity Field Characterization 6** Sampled: 9/13/2010 13:30

Sample ID: 10I0404-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	90	9.4	mg/Kg dry	1		SW-846 8100 Modified	9/14/10	9/15/10 13:55	CJM

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0404

Date Received: 9/13/2010

Field Sample #: **Walsh Varsity Field Characterization 6** Sampled: 9/13/2010 13:30

Sample ID: 10I0404-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	65	2.9	mg/Kg dry	1		SW-846 6010B	9/14/10	9/14/10 17:28	OP
Barium	41	2.9	mg/Kg dry	1		SW-846 6010B	9/14/10	9/14/10 17:28	OP
Cadmium	0.38	0.29	mg/Kg dry	1		SW-846 6010B	9/14/10	9/14/10 17:28	OP
Chromium	10	0.57	mg/Kg dry	1		SW-846 6010B	9/14/10	9/14/10 17:28	OP
Lead	55	0.86	mg/Kg dry	1		SW-846 6010B	9/14/10	9/14/10 17:28	OP
Mercury	0.073	0.014	mg/Kg dry	1		SW-846 7471A	9/14/10	9/14/10 15:17	AMP
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010B	9/14/10	9/14/10 17:28	OP
Silver	ND	0.57	mg/Kg dry	1	V-20, Z-01	SW-846 6010B	9/14/10	9/15/10 15:49	OP

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0404

Date Received: 9/13/2010

Field Sample #: **Walsh Varsity Field Characterization 6** Sampled: 9/13/2010 13:30

Sample ID: 10I0404-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Specific conductance	67	2.0	µmhos/cm	1		SM18-20 2510B	9/14/10	9/15/10 11:27	SBP
% Solids	88.4		% Wt	1		SM 2540G	9/15/10	9/15/10 11:29	VAF

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0404

Date Received: 9/13/2010

Field Sample #: **Walsh Varsity Field Characterization 6** Sampled: 9/13/2010 13:30

Sample ID: 10I0404-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010B	9/15/10	9/15/10 15:32	OP
Lead	0.056	0.010	mg/L	1		SW-846 6010B	9/15/10	9/15/10 15:32	OP

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0404

Date Received: 9/13/2010

Field Sample #: **Walsh Varsity Field Characterization 6a** Sampled: 9/13/2010 13:30

Sample ID: 10I0404-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010B	9/15/10	9/15/10 15:45	OP
Lead	0.087	0.010	mg/L	1		SW-846 6010B	9/15/10	9/15/10 15:45	OP

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10I0404-01 [Walsh Varsity Field Characterization 6]	B019232	09/15/10

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
10I0404-01 [Walsh Varsity Field Characterization 6]	B019230	1.00	09/14/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10I0404-01 [Walsh Varsity Field Characterization 6]	B019118	0.990	50.0	09/14/10

Prep Method: SW-846 3010A-SW-846 6010B **Leachates were extracted on 9/14/2010 per SW-846 1311 in Batch B019186**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10I0404-01 [Walsh Varsity Field Characterization 6]	B019212	50.0	50.0	09/15/10
10I0404-02 [Walsh Varsity Field Characterization 6a]	B019212	50.0	50.0	09/15/10

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10I0404-01 [Walsh Varsity Field Characterization 6]	B019136	0.204	25.0	09/14/10

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10I0404-01 [Walsh Varsity Field Characterization 6]	B019151	10.0	50.0	09/14/10

Prep Method: SW-846 3546-SW-846 8100 Modified

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10I0404-01 [Walsh Varsity Field Characterization 6]	B019152	30.0	1.00	09/14/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
10I0404-01 [Walsh Varsity Field Characterization 6]	B019171	17.4	17.3	1	50	09/14/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10I0404-01 [Walsh Varsity Field Characterization 6]	B019164	30.0	1.00	09/14/10

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019171 - SW-846 5035										
Blank (B019171-BLK1)				Prepared & Analyzed: 09/14/10						
Acetone	ND	2.5	mg/Kg wet							V-05
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.051	mg/Kg wet							
Bromobenzene	ND	0.051	mg/Kg wet							
Bromochloromethane	ND	0.051	mg/Kg wet							
Bromodichloromethane	ND	0.051	mg/Kg wet							
Bromoform	ND	0.51	mg/Kg wet							RL-07
Bromomethane	ND	0.10	mg/Kg wet							L-04, V-05
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.051	mg/Kg wet							
sec-Butylbenzene	ND	0.051	mg/Kg wet							
tert-Butylbenzene	ND	0.051	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.51	mg/Kg wet							RL-07
Carbon Tetrachloride	ND	0.051	mg/Kg wet							
Chlorobenzene	ND	0.051	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							V-05
2-Chlorotoluene	ND	0.051	mg/Kg wet							
4-Chlorotoluene	ND	0.051	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							RL-07
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.051	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.051	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.051	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.051	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.051	mg/Kg wet							
1,2-Dichloroethane	ND	0.051	mg/Kg wet							
1,1-Dichloroethylene	ND	0.051	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.051	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.051	mg/Kg wet							
1,2-Dichloropropane	ND	0.051	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.051	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.20	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.20	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							R-05, V-16
Ethylbenzene	ND	0.051	mg/Kg wet							
Hexachlorobutadiene	ND	0.051	mg/Kg wet							
2-Hexanone (MBK)	ND	0.51	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.051	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.051	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.051	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							RL-07
4-Methyl-2-pentanone (MIBK)	ND	0.51	mg/Kg wet							
Naphthalene	ND	0.51	mg/Kg wet							RL-07

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B019171 - SW-846 5035												
Blank (B019171-BLK1)				Prepared & Analyzed: 09/14/10								
n-Propylbenzene	ND	0.051	mg/Kg wet									
Styrene	ND	0.051	mg/Kg wet									
1,1,1,2-Tetrachloroethane	ND	0.051	mg/Kg wet									
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet									
Tetrachloroethylene	ND	0.051	mg/Kg wet									
Tetrahydrofuran	ND	0.51	mg/Kg wet								RL-07, V-16	
Toluene	ND	0.051	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet								RL-07, V-05	
1,2,4-Trichlorobenzene	ND	0.051	mg/Kg wet									
1,1,1-Trichloroethane	ND	0.051	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.051	mg/Kg wet									
Trichloroethylene	ND	0.051	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.051	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.051	mg/Kg wet									
Vinyl Chloride	ND	0.10	mg/Kg wet									
m+p Xylene	ND	0.10	mg/Kg wet									
o-Xylene	ND	0.051	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.943*		mg/Kg wet	1.33		70.8		70-130				
Surrogate: Toluene-d8	*1.12*		mg/Kg wet	1.33		83.8		70-130				
Surrogate: 4-Bromofluorobenzene	*1.09*		mg/Kg wet	1.33		81.6		70-130				
LCS (B019171-BS1)				Prepared & Analyzed: 09/14/10								
Acetone	15.3	11	mg/Kg wet	22.7		67.5		40-160			L-14, V-05	†
tert-Amyl Methyl Ether (TAME)	2.01	0.11	mg/Kg wet	2.27		88.5		70-130				
Benzene	2.40	0.23	mg/Kg wet	2.27		106		70-130				
Bromobenzene	2.25	0.23	mg/Kg wet	2.27		99.1		70-130				
Bromochloromethane	2.14	0.23	mg/Kg wet	2.27		94.2		70-130				
Bromodichloromethane	2.27	0.23	mg/Kg wet	2.27		100		70-130				
Bromoform	2.08	2.3	mg/Kg wet	2.27		91.8		70-130				
Bromomethane	0.426	0.45	mg/Kg wet	2.27		**18.8**	*	40-160			L-04, V-05	†
2-Butanone (MEK)	18.3	4.5	mg/Kg wet	22.7		80.8		40-160				†
n-Butylbenzene	2.52	0.23	mg/Kg wet	2.27		111		70-130				
sec-Butylbenzene	2.65	0.23	mg/Kg wet	2.27		117		70-130				
tert-Butylbenzene	2.61	0.23	mg/Kg wet	2.27		115		70-130				
tert-Butyl Ethyl Ether (TBEE)	2.14	0.11	mg/Kg wet	2.27		94.4		70-130				
Carbon Disulfide	2.72	2.3	mg/Kg wet	2.27		120		70-130				
Carbon Tetrachloride	2.43	0.23	mg/Kg wet	2.27		107		70-130				
Chlorobenzene	2.51	0.23	mg/Kg wet	2.27		111		70-130				
Chlorodibromomethane	2.53	0.11	mg/Kg wet	2.27		112		70-130				
Chloroethane	1.37	0.45	mg/Kg wet	2.27		**60.6**	*	70-130			L-07	
Chloroform	2.27	0.45	mg/Kg wet	2.27		100		70-130				
Chloromethane	1.08	0.45	mg/Kg wet	2.27		47.8		40-160			V-05, L-14	†
2-Chlorotoluene	2.41	0.23	mg/Kg wet	2.27		106		70-130				
4-Chlorotoluene	2.48	0.23	mg/Kg wet	2.27		109		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	1.71	1.1	mg/Kg wet	2.27		75.3		70-130				
1,2-Dibromoethane (EDB)	2.22	0.11	mg/Kg wet	2.27		97.8		70-130				
Dibromomethane	2.03	0.23	mg/Kg wet	2.27		89.5		70-130				
1,2-Dichlorobenzene	2.36	0.23	mg/Kg wet	2.27		104		70-130				
1,3-Dichlorobenzene	2.51	0.23	mg/Kg wet	2.27		111		70-130				
1,4-Dichlorobenzene	2.31	0.23	mg/Kg wet	2.27		102		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B019171 - SW-846 5035												
LCS (B019171-BS1)				Prepared & Analyzed: 09/14/10								
Dichlorodifluoromethane (Freon 12)	1.36	0.45	mg/Kg wet	2.27		60.1		40-160			L-14	†
1,1-Dichloroethane	2.36	0.23	mg/Kg wet	2.27		104		70-130				
1,2-Dichloroethane	1.93	0.23	mg/Kg wet	2.27		85.1		70-130				
1,1-Dichloroethylene	2.24	0.23	mg/Kg wet	2.27		98.8		70-130				
cis-1,2-Dichloroethylene	2.26	0.23	mg/Kg wet	2.27		99.6		70-130				
trans-1,2-Dichloroethylene	2.64	0.23	mg/Kg wet	2.27		117		70-130				
1,2-Dichloropropane	2.28	0.23	mg/Kg wet	2.27		100		70-130				
1,3-Dichloropropane	2.01	0.11	mg/Kg wet	2.27		88.8		70-130				
2,2-Dichloropropane	2.24	0.23	mg/Kg wet	2.27		98.9		70-130				
1,1-Dichloropropene	2.29	0.45	mg/Kg wet	2.27		101		70-130				
cis-1,3-Dichloropropene	2.04	0.91	mg/Kg wet	2.27		89.9		70-130				
trans-1,3-Dichloropropene	1.94	0.91	mg/Kg wet	2.27		85.5		70-130				
Diethyl Ether	1.94	0.45	mg/Kg wet	2.27		85.6		70-130				
Diisopropyl Ether (DIPE)	2.25	0.11	mg/Kg wet	2.27		99.4		70-130				
1,4-Dioxane	27.8	11	mg/Kg wet	22.7		123		40-160			R-05, V-16	†
Ethylbenzene	2.56	0.23	mg/Kg wet	2.27		113		70-130				
Hexachlorobutadiene	2.59	0.23	mg/Kg wet	2.27		114		70-130				
2-Hexanone (MBK)	17.8	2.3	mg/Kg wet	22.7		78.7		40-160				†
Isopropylbenzene (Cumene)	2.97	0.23	mg/Kg wet	2.27		**131**	*	70-130			L-07	
p-Isopropyltoluene (p-Cymene)	2.50	0.23	mg/Kg wet	2.27		110		70-130				
Methyl tert-Butyl Ether (MTBE)	2.18	0.23	mg/Kg wet	2.27		96.3		70-130				
Methylene Chloride	1.80	1.1	mg/Kg wet	2.27		79.6		70-130				
4-Methyl-2-pentanone (MIBK)	18.3	2.3	mg/Kg wet	22.7		80.5		40-160				†
Naphthalene	1.79	2.3	mg/Kg wet	2.27		78.9		70-130				
n-Propylbenzene	2.60	0.23	mg/Kg wet	2.27		115		70-130				
Styrene	2.50	0.23	mg/Kg wet	2.27		110		70-130				
1,1,1,2-Tetrachloroethane	2.54	0.23	mg/Kg wet	2.27		112		70-130				
1,1,2,2-Tetrachloroethane	2.08	0.11	mg/Kg wet	2.27		91.7		70-130				
Tetrachloroethylene	2.30	0.23	mg/Kg wet	2.27		102		70-130				
Tetrahydrofuran	2.17	2.3	mg/Kg wet	2.27		95.9		70-130			V-16	
Toluene	2.43	0.23	mg/Kg wet	2.27		107		70-130				
1,2,3-Trichlorobenzene	1.77	1.1	mg/Kg wet	2.27		77.9		70-130			V-05	
1,2,4-Trichlorobenzene	1.93	0.23	mg/Kg wet	2.27		85.3		70-130				
1,1,1-Trichloroethane	2.28	0.23	mg/Kg wet	2.27		101		70-130				
1,1,2-Trichloroethane	2.11	0.23	mg/Kg wet	2.27		93.3		70-130				
Trichloroethylene	2.23	0.23	mg/Kg wet	2.27		98.4		70-130				
Trichlorofluoromethane (Freon 11)	1.98	0.45	mg/Kg wet	2.27		87.5		70-130				
1,2,3-Trichloropropane	1.73	0.45	mg/Kg wet	2.27		76.3		70-130				
1,2,4-Trimethylbenzene	2.48	0.23	mg/Kg wet	2.27		110		70-130				
1,3,5-Trimethylbenzene	2.47	0.23	mg/Kg wet	2.27		109		70-130				
Vinyl Chloride	2.03	0.45	mg/Kg wet	2.27		89.5		70-130				
m+p Xylene	5.09	0.45	mg/Kg wet	4.53		112		70-130				
o-Xylene	2.54	0.23	mg/Kg wet	2.27		112		70-130				
Surrogate: 1,2-Dichloroethane-d4	*4.68*		mg/Kg wet	5.33		87.8		70-130				
Surrogate: Toluene-d8	*5.67*		mg/Kg wet	5.33		106		70-130				
Surrogate: 4-Bromofluorobenzene	*5.44*		mg/Kg wet	5.33		102		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B019171 - SW-846 5035												
LCS Dup (B019171-BSD1)				Prepared & Analyzed: 09/14/10								
Acetone	15.3	11	mg/Kg wet	22.7		67.4		40-160	0.193	20	L-14, V-05	†
tert-Amyl Methyl Ether (TAME)	2.03	0.11	mg/Kg wet	2.27		89.7		70-130	1.35	20		
Benzene	2.41	0.23	mg/Kg wet	2.27		106		70-130	0.188	20		
Bromobenzene	2.30	0.23	mg/Kg wet	2.27		101		70-130	2.29	20		
Bromochloromethane	2.20	0.23	mg/Kg wet	2.27		97.0		70-130	2.93	20		
Bromodichloromethane	2.24	0.23	mg/Kg wet	2.27		98.8		70-130	1.51	20		
Bromoform	2.11	2.3	mg/Kg wet	2.27		93.0		70-130	1.30	20		
Bromomethane	0.476	0.45	mg/Kg wet	2.27		**21.0**	*	40-160	11.1	20	L-04, V-05	†
2-Butanone (MEK)	18.5	4.5	mg/Kg wet	22.7		81.4		40-160	0.851	20		†
n-Butylbenzene	2.41	0.23	mg/Kg wet	2.27		106		70-130	4.33	20		
sec-Butylbenzene	2.51	0.23	mg/Kg wet	2.27		111		70-130	5.10	20		
tert-Butylbenzene	2.45	0.23	mg/Kg wet	2.27		108		70-130	6.63	20		
tert-Butyl Ethyl Ether (TBEE)	2.21	0.11	mg/Kg wet	2.27		97.7		70-130	3.44	20		
Carbon Disulfide	2.61	2.3	mg/Kg wet	2.27		115		70-130	4.26	20		
Carbon Tetrachloride	2.39	0.23	mg/Kg wet	2.27		106		70-130	1.60	20		
Chlorobenzene	2.53	0.23	mg/Kg wet	2.27		112		70-130	0.629	20		
Chlorodibromomethane	2.47	0.11	mg/Kg wet	2.27		109		70-130	2.54	20		
Chloroethane	1.68	0.45	mg/Kg wet	2.27		74.0		70-130	19.9	20		
Chloroform	2.28	0.45	mg/Kg wet	2.27		100		70-130	0.199	20		
Chloromethane	1.17	0.45	mg/Kg wet	2.27		51.6		40-160	7.65	20	V-05, L-14	†
2-Chlorotoluene	2.45	0.23	mg/Kg wet	2.27		108		70-130	1.68	20		
4-Chlorotoluene	2.49	0.23	mg/Kg wet	2.27		110		70-130	0.365	20		
1,2-Dibromo-3-chloropropane (DBCP)	1.76	1.1	mg/Kg wet	2.27		77.5		70-130	2.88	20		
1,2-Dibromoethane (EDB)	2.16	0.11	mg/Kg wet	2.27		95.3		70-130	2.59	20		
Dibromomethane	2.17	0.23	mg/Kg wet	2.27		95.6		70-130	6.59	20		
1,2-Dichlorobenzene	2.33	0.23	mg/Kg wet	2.27		103		70-130	1.16	20		
1,3-Dichlorobenzene	2.42	0.23	mg/Kg wet	2.27		107		70-130	3.49	20		
1,4-Dichlorobenzene	2.28	0.23	mg/Kg wet	2.27		100		70-130	1.19	20		
Dichlorodifluoromethane (Freon 12)	1.44	0.45	mg/Kg wet	2.27		63.7		40-160	5.82	20	L-14	†
1,1-Dichloroethane	2.44	0.23	mg/Kg wet	2.27		108		70-130	3.30	20		
1,2-Dichloroethane	1.96	0.23	mg/Kg wet	2.27		86.5		70-130	1.63	20		
1,1-Dichloroethylene	2.21	0.23	mg/Kg wet	2.27		97.6		70-130	1.22	20		
cis-1,2-Dichloroethylene	2.23	0.23	mg/Kg wet	2.27		98.6		70-130	1.01	20		
trans-1,2-Dichloroethylene	2.66	0.23	mg/Kg wet	2.27		117		70-130	0.684	20		
1,2-Dichloropropane	2.30	0.23	mg/Kg wet	2.27		101		70-130	0.991	20		
1,3-Dichloropropane	2.11	0.11	mg/Kg wet	2.27		93.2		70-130	4.84	20		
2,2-Dichloropropane	2.36	0.23	mg/Kg wet	2.27		104		70-130	5.31	20		
1,1-Dichloropropene	2.26	0.45	mg/Kg wet	2.27		99.7		70-130	1.49	20		
cis-1,3-Dichloropropene	2.07	0.91	mg/Kg wet	2.27		91.2		70-130	1.44	20		
trans-1,3-Dichloropropene	2.13	0.91	mg/Kg wet	2.27		94.0		70-130	9.47	20		
Diethyl Ether	1.94	0.45	mg/Kg wet	2.27		85.4		70-130	0.234	20		
Diisopropyl Ether (DIPE)	2.37	0.11	mg/Kg wet	2.27		105		70-130	5.10	20		
1,4-Dioxane	21.2	11	mg/Kg wet	22.7		93.6		40-160	**27.0**	* 20	R-05, V-16	†
Ethylbenzene	2.52	0.23	mg/Kg wet	2.27		111		70-130	1.52	20		
Hexachlorobutadiene	2.32	0.23	mg/Kg wet	2.27		102		70-130	10.8	20		
2-Hexanone (MBK)	18.5	2.3	mg/Kg wet	22.7		81.8		40-160	3.85	20		†
Isopropylbenzene (Cumene)	2.90	0.23	mg/Kg wet	2.27		128		70-130	2.40	20		
p-Isopropyltoluene (p-Cymene)	2.34	0.23	mg/Kg wet	2.27		103		70-130	6.64	20		
Methyl tert-Butyl Ether (MTBE)	2.28	0.23	mg/Kg wet	2.27		100		70-130	4.17	20		
Methylene Chloride	1.82	1.1	mg/Kg wet	2.27		80.3		70-130	0.876	20		
4-Methyl-2-pentanone (MIBK)	18.2	2.3	mg/Kg wet	22.7		80.3		40-160	0.298	20		†
Naphthalene	1.81	2.3	mg/Kg wet	2.27		79.8		70-130	1.13	20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019171 - SW-846 5035										
LCS Dup (B019171-BSD1)				Prepared & Analyzed: 09/14/10						
n-Propylbenzene	2.57	0.23	mg/Kg wet	2.27		114	70-130	0.964	20	
Styrene	2.46	0.23	mg/Kg wet	2.27		108	70-130	1.92	20	
1,1,1,2-Tetrachloroethane	2.45	0.23	mg/Kg wet	2.27		108	70-130	3.36	20	
1,1,2,2-Tetrachloroethane	2.15	0.11	mg/Kg wet	2.27		94.7	70-130	3.22	20	
Tetrachloroethylene	2.42	0.23	mg/Kg wet	2.27		107	70-130	4.80	20	
Tetrahydrofuran	1.92	2.3	mg/Kg wet	2.27		84.8	70-130	12.3	20	V-16
Toluene	2.35	0.23	mg/Kg wet	2.27		104	70-130	3.32	20	
1,2,3-Trichlorobenzene	1.80	1.1	mg/Kg wet	2.27		79.5	70-130	2.03	20	V-05
1,2,4-Trichlorobenzene	1.85	0.23	mg/Kg wet	2.27		81.8	70-130	4.19	20	
1,1,1-Trichloroethane	2.26	0.23	mg/Kg wet	2.27		99.5	70-130	1.20	20	
1,1,2-Trichloroethane	2.16	0.23	mg/Kg wet	2.27		95.5	70-130	2.33	20	
Trichloroethylene	2.22	0.23	mg/Kg wet	2.27		98.1	70-130	0.305	20	
Trichlorofluoromethane (Freon 11)	2.03	0.45	mg/Kg wet	2.27		89.5	70-130	2.26	20	
1,2,3-Trichloropropane	1.84	0.45	mg/Kg wet	2.27		81.1	70-130	6.10	20	
1,2,4-Trimethylbenzene	2.34	0.23	mg/Kg wet	2.27		103	70-130	5.92	20	
1,3,5-Trimethylbenzene	2.51	0.23	mg/Kg wet	2.27		111	70-130	1.46	20	
Vinyl Chloride	2.09	0.45	mg/Kg wet	2.27		92.0	70-130	2.75	20	
m+p Xylene	5.13	0.45	mg/Kg wet	4.53		113	70-130	0.799	20	
o-Xylene	2.54	0.23	mg/Kg wet	2.27		112	70-130	0.00	20	
Surrogate: 1,2-Dichloroethane-d4	*4.66*		mg/Kg wet	5.33		87.3	70-130			
Surrogate: Toluene-d8	*5.52*		mg/Kg wet	5.33		103	70-130			
Surrogate: 4-Bromofluorobenzene	*5.57*		mg/Kg wet	5.33		104	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019164 - SW-846 3546										
Blank (B019164-BLK1)				Prepared: 09/14/10 Analyzed: 09/15/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
Pentachlorophenol	ND	0.34	mg/Kg wet							V-19
Phenanthrene	ND	0.17	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019164 - SW-846 3546										
Blank (B019164-BLK1)				Prepared: 09/14/10 Analyzed: 09/15/10						
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	*7.18*		mg/Kg wet	6.67		108	30-130			
Surrogate: Phenol-d6	*6.92*		mg/Kg wet	6.67		104	30-130			
Surrogate: Nitrobenzene-d5	*3.25*		mg/Kg wet	3.33		97.4	30-130			
Surrogate: 2-Fluorobiphenyl	*3.01*		mg/Kg wet	3.33		90.3	30-130			
Surrogate: 2,4,6-Tribromophenol	*5.45*		mg/Kg wet	6.67		81.8	30-130			
Surrogate: Terphenyl-d14	*3.25*		mg/Kg wet	3.33		97.6	30-130			
LCS (B019164-BS1)				Prepared: 09/14/10 Analyzed: 09/15/10						
Acenaphthene	1.28	0.17	mg/Kg wet	1.67		76.8	40-140			
Acenaphthylene	1.27	0.17	mg/Kg wet	1.67		76.1	40-140			
Acetophenone	0.720	0.34	mg/Kg wet	0.833		86.4	40-140			
Aniline	1.27	0.34	mg/Kg wet	1.67		76.4	40-140			
Anthracene	1.32	0.17	mg/Kg wet	1.67		79.4	40-140			
Benzo(a)anthracene	1.32	0.17	mg/Kg wet	1.67		79.3	40-140			
Benzo(a)pyrene	1.30	0.17	mg/Kg wet	1.67		77.9	40-140			
Benzo(b)fluoranthene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140			
Benzo(g,h,i)perylene	1.47	0.17	mg/Kg wet	1.67		88.5	40-140			
Benzo(k)fluoranthene	1.28	0.17	mg/Kg wet	1.67		77.1	40-140			
Bis(2-chloroethoxy)methane	1.47	0.34	mg/Kg wet	1.67		88.5	40-140			
Bis(2-chloroethyl)ether	1.51	0.34	mg/Kg wet	1.67		90.8	40-140			
Bis(2-chloroisopropyl)ether	1.72	0.34	mg/Kg wet	1.67		103	40-140			
Bis(2-Ethylhexyl)phthalate	1.63	0.34	mg/Kg wet	1.67		97.9	40-140			
4-Bromophenylphenylether	1.49	0.34	mg/Kg wet	1.67		89.6	40-140			
Butylbenzylphthalate	1.57	0.66	mg/Kg wet	1.67		94.3	40-140			
4-Chloroaniline	0.663	0.66	mg/Kg wet	1.67		39.8	15-140			†
2-Chloronaphthalene	1.23	0.34	mg/Kg wet	1.67		73.8	40-140			
2-Chlorophenol	1.45	0.34	mg/Kg wet	1.67		86.8	30-130			
Chrysene	1.32	0.17	mg/Kg wet	1.67		79.1	40-140			
Dibenz(a,h)anthracene	1.36	0.17	mg/Kg wet	1.67		81.9	40-140			
Dibenzofuran	1.47	0.34	mg/Kg wet	1.67		88.1	40-140			
Di-n-butylphthalate	1.49	0.34	mg/Kg wet	1.67		89.4	40-140			
1,2-Dichlorobenzene	1.41	0.34	mg/Kg wet	1.67		84.5	40-140			
1,3-Dichlorobenzene	1.33	0.34	mg/Kg wet	1.67		79.7	40-140			
1,4-Dichlorobenzene	1.37	0.34	mg/Kg wet	1.67		82.2	40-140			
3,3-Dichlorobenzidine	0.998	0.17	mg/Kg wet	1.67		59.9	40-140			
2,4-Dichlorophenol	1.50	0.34	mg/Kg wet	1.67		89.9	30-130			
Diethylphthalate	1.46	0.34	mg/Kg wet	1.67		87.6	40-140			
2,4-Dimethylphenol	1.39	0.34	mg/Kg wet	1.67		83.3	30-130			
Dimethylphthalate	1.44	0.66	mg/Kg wet	1.67		86.7	40-140			
2,4-Dinitrophenol	1.08	0.66	mg/Kg wet	1.67		64.6	15-140			†
2,4-Dinitrotoluene	1.42	0.34	mg/Kg wet	1.67		85.4	40-140			
2,6-Dinitrotoluene	1.50	0.34	mg/Kg wet	1.67		90.0	40-140			
Di-n-octylphthalate	1.63	0.66	mg/Kg wet	1.67		98.0	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.77	0.34	mg/Kg wet	1.67		106	40-140			
Fluoranthene	1.26	0.17	mg/Kg wet	1.67		75.4	40-140			
Fluorene	1.30	0.17	mg/Kg wet	1.67		77.9	40-140			
Hexachlorobenzene	1.48	0.34	mg/Kg wet	1.67		88.6	40-140			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B019164 - SW-846 3546											
LCS (B019164-BS1)				Prepared: 09/14/10 Analyzed: 09/15/10							
Hexachlorobutadiene	1.25	0.34	mg/Kg wet	1.67		74.8	40-140				
Hexachloroethane	1.38	0.34	mg/Kg wet	1.67		82.8	40-140				
Indeno(1,2,3-cd)pyrene	1.38	0.17	mg/Kg wet	1.67		82.6	40-140				
Isophorone	1.55	0.34	mg/Kg wet	1.67		93.2	40-140				
2-Methylnaphthalene	1.45	0.17	mg/Kg wet	1.67		86.9	40-140				
2-Methylphenol	1.50	0.34	mg/Kg wet	1.67		90.1	30-130				
3/4-Methylphenol	1.44	0.34	mg/Kg wet	1.67		86.6	30-130				
Naphthalene	1.17	0.17	mg/Kg wet	1.67		70.4	40-140				
Nitrobenzene	1.46	0.34	mg/Kg wet	1.67		87.8	40-140				
2-Nitrophenol	1.38	0.34	mg/Kg wet	1.67		82.6	30-130				
4-Nitrophenol	1.19	0.66	mg/Kg wet	1.67		71.3	15-140				†
Pentachlorophenol	0.951	0.34	mg/Kg wet	1.67		57.1	30-130			V-19	
Phenanthrene	1.32	0.17	mg/Kg wet	1.67		79.3	40-140				
Phenol	1.63	0.34	mg/Kg wet	1.67		98.0	15-140				†
Pyrene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140				
1,2,4-Trichlorobenzene	1.37	0.34	mg/Kg wet	1.67		82.1	40-140				
2,4,5-Trichlorophenol	1.40	0.34	mg/Kg wet	1.67		84.1	30-130				
2,4,6-Trichlorophenol	1.44	0.34	mg/Kg wet	1.67		86.1	30-130				
Surrogate: 2-Fluorophenol	*5.97*		mg/Kg wet	6.67		89.5	30-130				
Surrogate: Phenol-d6	*6.06*		mg/Kg wet	6.67		90.9	30-130				
Surrogate: Nitrobenzene-d5	*2.90*		mg/Kg wet	3.33		87.2	30-130				
Surrogate: 2-Fluorobiphenyl	*2.69*		mg/Kg wet	3.33		80.7	30-130				
Surrogate: 2,4,6-Tribromophenol	*5.68*		mg/Kg wet	6.67		85.1	30-130				
Surrogate: Terphenyl-d14	*2.85*		mg/Kg wet	3.33		85.4	30-130				
LCS Dup (B019164-BSD1)				Prepared: 09/14/10 Analyzed: 09/15/10							
Acenaphthene	1.27	0.17	mg/Kg wet	1.67		76.0	40-140	1.07	30		
Acenaphthylene	1.24	0.17	mg/Kg wet	1.67		74.5	40-140	2.12	30		
Acetophenone	0.691	0.34	mg/Kg wet	0.833		83.0	40-140	4.11	30		
Aniline	1.16	0.34	mg/Kg wet	1.67		69.4	40-140	9.52	30		
Anthracene	1.31	0.17	mg/Kg wet	1.67		78.4	40-140	1.17	30		
Benzo(a)anthracene	1.30	0.17	mg/Kg wet	1.67		78.1	40-140	1.45	30		
Benzo(a)pyrene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140	0.412	30		
Benzo(b)fluoranthene	1.21	0.17	mg/Kg wet	1.67		72.5	40-140	0.440	30		
Benzo(g,h,i)perylene	1.46	0.17	mg/Kg wet	1.67		87.7	40-140	0.908	30		
Benzo(k)fluoranthene	1.31	0.17	mg/Kg wet	1.67		78.6	40-140	1.90	30		
Bis(2-chloroethoxy)methane	1.43	0.34	mg/Kg wet	1.67		86.0	40-140	2.80	30		
Bis(2-chloroethyl)ether	1.50	0.34	mg/Kg wet	1.67		89.8	40-140	1.15	30		
Bis(2-chloroisopropyl)ether	1.68	0.34	mg/Kg wet	1.67		101	40-140	2.14	30		
Bis(2-Ethylhexyl)phthalate	1.65	0.34	mg/Kg wet	1.67		98.9	40-140	1.02	30		
4-Bromophenylphenylether	1.42	0.34	mg/Kg wet	1.67		85.1	40-140	5.15	30		
Butylbenzylphthalate	1.62	0.66	mg/Kg wet	1.67		97.3	40-140	3.19	30		
4-Chloroaniline	0.671	0.66	mg/Kg wet	1.67		40.3	15-140	1.15	30		†
2-Chloronaphthalene	1.20	0.34	mg/Kg wet	1.67		72.0	40-140	2.55	30		
2-Chlorophenol	1.39	0.34	mg/Kg wet	1.67		83.5	30-130	3.83	30		
Chrysene	1.31	0.17	mg/Kg wet	1.67		78.6	40-140	0.533	30		
Dibenz(a,h)anthracene	1.43	0.17	mg/Kg wet	1.67		86.0	40-140	4.91	30		
Dibenzofuran	1.46	0.34	mg/Kg wet	1.67		87.4	40-140	0.820	30		
Di-n-butylphthalate	1.57	0.34	mg/Kg wet	1.67		94.0	40-140	5.01	30		
1,2-Dichlorobenzene	1.36	0.34	mg/Kg wet	1.67		81.3	40-140	3.86	30		
1,3-Dichlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.4	40-140	1.62	30		
1,4-Dichlorobenzene	1.33	0.34	mg/Kg wet	1.67		80.0	40-140	2.69	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B019164 - SW-846 3546											
LCS Dup (B019164-BSD1)				Prepared: 09/14/10 Analyzed: 09/15/10							
3,3-Dichlorobenzidine	0.907	0.17	mg/Kg wet	1.67		54.4	40-140	9.55	30		
2,4-Dichlorophenol	1.43	0.34	mg/Kg wet	1.67		85.8	30-130	4.69	30		
Diethylphthalate	1.53	0.34	mg/Kg wet	1.67		91.7	40-140	4.57	30		
2,4-Dimethylphenol	1.35	0.34	mg/Kg wet	1.67		81.1	30-130	2.68	30		
Dimethylphthalate	1.48	0.66	mg/Kg wet	1.67		88.8	40-140	2.48	30		
2,4-Dinitrophenol	1.20	0.66	mg/Kg wet	1.67		72.0	15-140	10.7	30		†
2,4-Dinitrotoluene	1.53	0.34	mg/Kg wet	1.67		92.0	40-140	7.44	30		
2,6-Dinitrotoluene	1.55	0.34	mg/Kg wet	1.67		93.1	40-140	3.34	30		
Di-n-octylphthalate	1.72	0.66	mg/Kg wet	1.67		103	40-140	4.90	30		
1,2-Diphenylhydrazine (as Azobenzene)	1.65	0.34	mg/Kg wet	1.67		99.2	40-140	6.59	30		
Fluoranthene	1.30	0.17	mg/Kg wet	1.67		77.8	40-140	3.13	30		
Fluorene	1.32	0.17	mg/Kg wet	1.67		78.9	40-140	1.35	30		
Hexachlorobenzene	1.39	0.34	mg/Kg wet	1.67		83.6	40-140	5.83	30		
Hexachlorobutadiene	1.24	0.34	mg/Kg wet	1.67		74.5	40-140	0.455	30		
Hexachloroethane	1.36	0.34	mg/Kg wet	1.67		81.8	40-140	1.24	30		
Indeno(1,2,3-cd)pyrene	1.38	0.17	mg/Kg wet	1.67		82.9	40-140	0.387	30		
Isophorone	1.51	0.34	mg/Kg wet	1.67		90.9	40-140	2.52	30		
2-Methylnaphthalene	1.40	0.17	mg/Kg wet	1.67		83.9	40-140	3.49	30		
2-Methylphenol	1.33	0.34	mg/Kg wet	1.67		79.9	30-130	12.0	30		
3/4-Methylphenol	1.38	0.34	mg/Kg wet	1.67		82.7	30-130	4.65	30		
Naphthalene	1.15	0.17	mg/Kg wet	1.67		68.8	40-140	2.33	30		
Nitrobenzene	1.42	0.34	mg/Kg wet	1.67		85.2	40-140	2.98	30		
2-Nitrophenol	1.35	0.34	mg/Kg wet	1.67		81.0	30-130	1.93	30		
4-Nitrophenol	1.23	0.66	mg/Kg wet	1.67		73.6	15-140	3.23	30		†
Pentachlorophenol	1.00	0.34	mg/Kg wet	1.67		60.2	30-130	5.39	30	V-19	
Phenanthrene	1.30	0.17	mg/Kg wet	1.67		78.0	40-140	1.68	30		
Phenol	1.56	0.34	mg/Kg wet	1.67		93.7	15-140	4.49	30		†
Pyrene	1.43	0.17	mg/Kg wet	1.67		85.7	40-140	9.92	30		
1,2,4-Trichlorobenzene	1.33	0.34	mg/Kg wet	1.67		79.8	40-140	2.82	30		
2,4,5-Trichlorophenol	1.38	0.34	mg/Kg wet	1.67		82.6	30-130	1.75	30		
2,4,6-Trichlorophenol	1.37	0.34	mg/Kg wet	1.67		82.4	30-130	4.34	30		
Surrogate: 2-Fluorophenol	*5.72*		mg/Kg wet	6.67		85.9	30-130				
Surrogate: Phenol-d6	*5.67*		mg/Kg wet	6.67		85.0	30-130				
Surrogate: Nitrobenzene-d5	*2.81*		mg/Kg wet	3.33		84.3	30-130				
Surrogate: 2-Fluorobiphenyl	*2.55*		mg/Kg wet	3.33		76.6	30-130				
Surrogate: 2,4,6-Tribromophenol	*5.92*		mg/Kg wet	6.67		88.8	30-130				
Surrogate: Terphenyl-d14	*3.04*		mg/Kg wet	3.33		91.1	30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019151 - SW-846 3546										
Blank (B019151-BLK1)				Prepared & Analyzed: 09/14/10						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.264*		mg/Kg wet	0.200		132	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.265*		mg/Kg wet	0.200		133	30-150			
Surrogate: Tetrachloro-m-xylene	*0.279*		mg/Kg wet	0.200		139	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.272*		mg/Kg wet	0.200		136	30-150			
LCS (B019151-BS1)				Prepared: 09/14/10 Analyzed: 09/15/10						
Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		83.5	40-140			
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		83.1	40-140			
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		79.8	40-140			
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		78.7	40-140			
Surrogate: Decachlorobiphenyl	*0.175*		mg/Kg wet	0.200		87.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.187*		mg/Kg wet	0.200		93.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.205*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.200*		mg/Kg wet	0.200		99.9	30-150			
LCS Dup (B019151-BSD1)				Prepared: 09/14/10 Analyzed: 09/15/10						
Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		83.5	40-140	0.00718	30	
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.200		81.6	40-140	1.87	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.200		83.6	40-140	4.57	30	
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		82.2	40-140	4.28	30	
Surrogate: Decachlorobiphenyl	*0.182*		mg/Kg wet	0.200		90.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.192*		mg/Kg wet	0.200		95.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.190*		mg/Kg wet	0.200		95.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.185*		mg/Kg wet	0.200		92.5	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019152 - SW-846 3546										
Blank (B019152-BLK1)				Prepared & Analyzed: 09/14/10						
TPH as Diesel	ND	8.3	mg/Kg wet							
LCS (B019152-BS1)				Prepared & Analyzed: 09/14/10						
TPH as Diesel	31.5	8.3	mg/Kg wet	33.3		94.4	40-140			
LCS Dup (B019152-BSD1)				Prepared & Analyzed: 09/14/10						
TPH as Diesel	31.1	8.3	mg/Kg wet	33.3		93.3	40-140	1.25	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019118 - SW-846 3050B										
Blank (B019118-BLK1)				Prepared: 09/13/10 Analyzed: 09/14/10						
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
LCS (B019118-BS1)				Prepared: 09/13/10 Analyzed: 09/14/10						
Arsenic	101	5.3	mg/Kg wet	113		89.2	81.6-118.4			
Barium	324	5.3	mg/Kg wet	349		92.9	80.7-119.3			
Cadmium	227	0.53	mg/Kg wet	257		88.3	82.4-117.6			
Chromium	78.7	1.1	mg/Kg wet	84.9		92.7	78.8-120.7			
Lead	95.7	1.6	mg/Kg wet	113		84.9	79.1-120.3			
Selenium	168	11	mg/Kg wet	186		90.0	78.4-120.9			
Silver	41.2	1.1	mg/Kg wet	48.7		84.7	66.2-133.6			
LCS (B019118-BS2)				Prepared: 09/13/10 Analyzed: 09/14/10						
Lead	0.799	0.79	mg/Kg wet	0.786		102	80-120			
LCS Dup (B019118-BSD1)				Prepared: 09/13/10 Analyzed: 09/14/10						
Arsenic	100	5.3	mg/Kg wet	114		88.1	81.6-118.4	0.125	30	
Barium	320	5.3	mg/Kg wet	352		90.7	80.7-119.3	1.31	30	
Cadmium	224	0.53	mg/Kg wet	260		86.1	82.4-117.6	1.51	30	
Chromium	78.4	1.1	mg/Kg wet	85.8		91.4	78.8-120.7	0.435	30	
Lead	95.4	1.6	mg/Kg wet	114		83.8	79.1-120.3	0.344	30	
Selenium	167	11	mg/Kg wet	188		88.8	78.4-120.9	0.348	30	
Silver	41.8	1.1	mg/Kg wet	49.2		84.9	66.2-133.6	1.25	30	
Batch B019136 - SW-846 7471										
Blank (B019136-BLK1)				Prepared & Analyzed: 09/14/10						
Mercury	ND	0.021	mg/Kg wet							
LCS (B019136-BS1)				Prepared & Analyzed: 09/14/10						
Mercury	0.970	0.039	mg/Kg wet	1.25		77.6	66-132			
LCS Dup (B019136-BSD1)				Prepared & Analyzed: 09/14/10						
Mercury	0.971	0.041	mg/Kg wet	1.25		77.7	66-132	0.0839	30	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019230 - SM18-20 2510B										
Blank (B019230-BLK1)				Prepared: 09/14/10 Analyzed: 09/15/10						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B019230-BS1)				Prepared: 09/14/10 Analyzed: 09/15/10						
Specific conductance	150	2.0	µmhos/cm	147		100	83.2-102			

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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B019212 - SW-846 3010A											
Blank (B019212-BLK1)				Prepared & Analyzed: 09/15/10							
Arsenic	ND	0.010	mg/L								
Lead	ND	0.010	mg/L								
LCS (B019212-BS1)				Prepared & Analyzed: 09/15/10							
Arsenic	0.618	0.010	mg/L	0.500		**124**	*	80-120			L-07
Lead	0.492	0.010	mg/L	0.500		98.5		80-120			
LCS Dup (B019212-BSD1)				Prepared & Analyzed: 09/15/10							
Arsenic	0.585	0.010	mg/L	0.500		117		80-120	5.42	20	
Lead	0.462	0.010	mg/L	0.500		92.3		80-120	6.45	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits estabished for difficult compound.
‡	Wide RPD limits estabished for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-07	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
S-17	Surrogate recovery is outside of control limits. Data validation is not affected since all results are less than the reporting limit and bias is on the high side.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-19	Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
Z-01	The interference check sample was outside control limits. Data validation is not affected since the sample result is non detect and the bias is on the high side.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010B in Soil	
Arsenic	CT,NH,NY
Barium	CT,NH,NY
Cadmium	CT,NH,NY
Chromium	CT,NH,NY
Lead	CT,NH,NY,AIHA
Selenium	CT,NH,NY
Silver	CT,NH,NY
SW-846 6010B in Water	
Arsenic	NY,CT
Lead	NY,CT
SW-846 7471A in Soil	
Mercury	CT,NH,NY
SW-846 8082 in Soil	
Aroclor-1016	CT,NH,NY,NC
Aroclor-1016 [2C]	CT,NH,NY,NC
Aroclor-1221	CT,NH,NY,NC
Aroclor-1221 [2C]	CT,NH,NY,NC
Aroclor-1232	CT,NH,NY,NC
Aroclor-1232 [2C]	CT,NH,NY,NC
Aroclor-1242	CT,NH,NY,NC
Aroclor-1242 [2C]	CT,NH,NY,NC
Aroclor-1248	CT,NH,NY,NC
Aroclor-1248 [2C]	CT,NH,NY,NC
Aroclor-1254	CT,NH,NY,NC
Aroclor-1254 [2C]	CT,NH,NY,NC
Aroclor-1260	CT,NH,NY,NC
Aroclor-1260 [2C]	CT,NH,NY,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromochloromethane	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
tert-Butyl Ethyl Ether (TBEE)	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NC
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270C in Soil	
Di-n-octylphthalate	CT,NY,NH
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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Phone: 413-525-2332
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Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

~~10I0356~~ 10I0404

Page_____of_____

Company Name: Triumvirate Environmental, Inc
Address: 61 Inner Belt Road, Somerville MA 02143
Attention: jason Atwood
Project Location: New Bedford Walsh Varsity Field
Sampled By: JF

Telephone: 617-628-8098
Project #: 68280
Client PO#: NE9837

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: jatwood@triumvirate.com
Format: ◉ PDF ○ EXCEL ○ GIS ○ OTHER ○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Total RCRA 8 Metals	As, Pb TCLP	TPH by 8100	PCBs	8260	8270	Conductivity	EPH / VPH MA DEP	Pesticides / Herbicides			# of Containers / ** Preservation / ***Container Code
~~8~~ -01	Walsh Varsity Field Characterization 6	9/13 1:15	1:30	XX		S		✓	✓	✓	✓	✓	✓	✓					
~~8~~ -02	Walsh Varsity Field Characterization 6a	9/13 1:15	1:30	X		S			✓										
	~~Walsh Varsity Field Characterization 7~~	~~9/13 1:15~~	~~1:30~~	~~X~~				~~✓~~	~~✓~~	~~✓~~	~~✓~~	~~✓~~	~~✓~~	~~✓~~					
	~~Walsh Varsity Field Characterization 7a~~	~~9/13 1:15~~	~~1:30~~	~~X~~					~~✓~~										
~~-03~~	~~Read Gravel Rootzone Mix~~	~~9/13 1:15~~	~~1:30~~	~~X~~	~~X~~	~~S~~		~~✓~~				~~✓~~	~~✓~~		~~✓~~	~~✓~~			
~~-04~~	~~Read Gravel Rootzone Infiltration~~	~~"~~	~~"~~		~~X~~	~~S~~		~~✓~~				~~✓~~	~~✓~~		~~✓~~	~~✓~~			

Comments:
Samples # 1 & 2 put on new work order per J.A. 9/15/10 JG

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 9/13 2:00
Received by: (signature)	Date/Time: 9/13 1:40
Relinquished by: (signature)	Date/Time: 9/13 2:00
Received by: (signature) Paula Blakeborough	Date/Time: 9/13/10 2:00

Turnaround ††
☐ 7-Day
◉ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: Triumvirate RECEIVED BY: PB DATE: 9/13/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 6°

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? Yes (No) Stored where: _____

7) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	7
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	3	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 3

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

June 2010

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 10, 2010

Jason Atwood
Triumvirate Environmental
Box 136, 63 Innerbelt Road
Sommerville, MA 02143

Project Location: New Bedford Walsh Varsity Field
Client Job Number:
Project Number: 68280
Laboratory Work Order Number: 10I0133

Enclosed are results of analyses for samples received by the laboratory on September 3, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Triumvirate Environmental
Box 136, 63 Innerbelt Road
Sommerville, MA 02143
ATTN: Jason Atwood

REPORT DATE: 9/10/2010

PURCHASE ORDER NUMBER: NE9665

PROJECT NUMBER: 68280

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10I0133

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: New Bedford Walsh Varsity Field

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Walsh Varsity Field Characterization 4	10I0133-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1311	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8260B	
				SW-846 8270C	
Walsh Varsity Field Characterization 4A	10I0133-02	Soil		SW-846 1311	
				SW-846 6010B	
Walsh Varsity Field Characterization 5	10I0133-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1311	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8260B	
				SW-846 8270C	
Walsh Varsity Field Characterization 5A	10I0133-04	Soil		SW-846 1311	
				SW-846 6010B	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

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SW-846 6010B

Qualifications:

Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Barium

10I0133-01[Walsh Varsity Field Characterization 4], B018903-MS1

SW-846 8260B

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Bromomethane, Chloroethane, Naphthalene, Tetrahydrofuran

10I0133-01[Walsh Varsity Field Characterization 4], 10I0133-03[Walsh Varsity Field Characterization 5], B018854-BLK1, B018854-BS1, B018854-BSD1

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Butanone (MEK), 2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Chloromethane, Dichlorodifluoromethane (Freon 12)

B018854-BS1, B018854-BSD1

Elevated reporting limit based on lowest point in calibration.
MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP), 2,2-Dichloropropane, Carbon Disulfide, Carbon Tetrachloride, Chloroethane, Naphthalene, Tetrahydrofuran

10I0133-01[Walsh Varsity Field Characterization 4], 10I0133-03[Walsh Varsity Field Characterization 5], B018854-BLK1

Surrogate recovery is outside of control limits. Data validation is not affected since all results are less than the reporting limit and bias is on the high side.

Analyte & Samples(s) Qualified:

Toluene-d8

10I0133-01[Walsh Varsity Field Characterization 4]

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 2-Butanone (MEK), 2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Chloroethane, Naphthalene, Tetrahydrofuran

10I0133-01[Walsh Varsity Field Characterization 4], 10I0133-03[Walsh Varsity Field Characterization 5], B018854-BLK1, B018854-BS1, B018854-BSD1

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

2,2-Dichloropropane, Hexachlorobutadiene, n-Butylbenzene, sec-Butylbenzene, Trichlorofluoromethane (Freon 11)

B018854-BS1, B018854-BSD1

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Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane

10I0133-01[Walsh Varsity Field Characterization 4], 10I0133-03[Walsh Varsity Field Characterization 5], B018854-BLK1, B018854-BS1, B018854-BSD1

SW-846 8270C

Qualifications:

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol

10I0133-01[Walsh Varsity Field Characterization 4], 10I0133-03[Walsh Varsity Field Characterization 5]

Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.

Analyte & Samples(s) Qualified:

Pentachlorophenol

10I0133-01[Walsh Varsity Field Characterization 4], 10I0133-03[Walsh Varsity Field Characterization 5], B018961-BLK1, B018961-BS1, B018961-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether

B018961-BS1, B018961-BSD1

SW-846 8260B

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for “difficult analytes” where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

SW-846 8270C

Laboratory control sample recoveries for required MCP Data Enhancement 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative. Difficult analytes limits are 15 and 140%: 2,4-dinitrophenol, 4-chloroaniline, 4-nitrophenol, and phenol.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: Walsh Varsity Field Characterization 4

Sample ID: 10I0133-01 Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil Stop Date/Time: 9/2/2010 3:10:00PM

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2.3	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:47	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Benzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Bromobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Bromochloromethane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Bromodichloromethane	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Bromoform	ND	0.46	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Bromomethane	ND	0.092	mg/Kg dry	1	L-04	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
2-Butanone (MEK)	ND	0.92	mg/Kg dry	1	V-05	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
n-Butylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
sec-Butylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
tert-Butylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Carbon Disulfide	ND	0.46	mg/Kg dry	1	RL-07	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Carbon Tetrachloride	ND	0.46	mg/Kg dry	1	RL-07	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Chlorobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Chlorodibromomethane	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Chloroethane	ND	0.92	mg/Kg dry	1	RL-07, V-05	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Chloroform	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Chloromethane	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:47	LBD
2-Chlorotoluene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
4-Chlorotoluene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.46	mg/Kg dry	1	RL-07	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,2-Dibromoethane (EDB)	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Dibromomethane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,2-Dichlorobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,3-Dichlorobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,4-Dichlorobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,1-Dichloroethane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,2-Dichloroethane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,1-Dichloroethylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
cis-1,2-Dichloroethylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
trans-1,2-Dichloroethylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,2-Dichloropropane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,3-Dichloropropane	ND	0.023	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
2,2-Dichloropropane	ND	0.46	mg/Kg dry	1	RL-07	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,1-Dichloropropene	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
cis-1,3-Dichloropropene	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
trans-1,3-Dichloropropene	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Diethyl Ether	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Diisopropyl Ether (DIPE)	ND	0.023	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,4-Dioxane	ND	4.6	mg/Kg dry	1	V-16	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Ethylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field | Sample Description: | Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: Walsh Varsity Field Characterization 4

Sample ID: 10I0133-01 | Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil | Stop Date/Time: 9/2/2010 3:10:00PM

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
2-Hexanone (MBK)	ND	1.8	mg/Kg dry	1	V-05	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Isopropylbenzene (Cumene)	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Methyl tert-Butyl Ether (MTBE)	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Methylene Chloride	ND	0.23	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:47	LBD
4-Methyl-2-pentanone (MIBK)	ND	0.92	mg/Kg dry	1	V-05	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Naphthalene	ND	0.46	mg/Kg dry	1	L-04, RL-07, V-05	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
n-Propylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Styrene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,1,1,2-Tetrachloroethane	ND	0.18	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,1,2,2-Tetrachloroethane	ND	0.092	mg/Kg dry	1	V-05	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Tetrachloroethylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Tetrahydrofuran	ND	0.46	mg/Kg dry	1	L-04, RL-07, V-05	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Toluene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,2,3-Trichlorobenzene	ND	0.23	mg/Kg dry	1	RL-07, V-05	SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,2,4-Trichlorobenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,1,1-Trichloroethane	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,1,2-Trichloroethane	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Trichloroethylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Trichlorofluoromethane (Freon 11)	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,2,3-Trichloropropane	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,2,4-Trimethylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
1,3,5-Trimethylbenzene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
Vinyl Chloride	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
m+p Xylene	ND	0.092	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD
o-Xylene	ND	0.046	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 11:46	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	125	70-130		9/7/10 11:46
Toluene-d8	**131** *	70-130	S-17	9/7/10 11:46
4-Bromofluorobenzene	116	70-130		9/7/10 11:46

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: Walsh Varsity Field Characterization 4

Sample ID: 10I0133-01 Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil Stop Date/Time: 9/2/2010 3:10:00PM

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.89	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Acenaphthylene	1.7	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Anthracene	3.5	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Benzo(a)anthracene	4.8	0.94	mg/Kg dry	5		SW-846 8270C	9/9/10	9/10/10 16:10	BGL
Benzo(a)pyrene	3.9	0.94	mg/Kg dry	5		SW-846 8270C	9/9/10	9/10/10 16:10	BGL
Benzo(b)fluoranthene	4.1	0.94	mg/Kg dry	5		SW-846 8270C	9/9/10	9/10/10 16:10	BGL
Benzo(g,h,i)perylene	1.9	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Benzo(k)fluoranthene	2.2	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Butylbenzylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
4-Chloroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Chrysene	4.6	0.94	mg/Kg dry	5		SW-846 8270C	9/9/10	9/10/10 16:10	BGL
Dibenz(a,h)anthracene	0.65	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Dibenzofuran	1.8	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Dimethylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
2,4-Dinitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Di-n-octylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Fluoranthene	12	0.94	mg/Kg dry	5		SW-846 8270C	9/9/10	9/10/10 16:10	BGL
Fluorene	2.4	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Indeno(1,2,3-cd)pyrene	2.5	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
2-Methylnaphthalene	0.87	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL

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Project Location: New Bedford Walsh Varsity Field | Sample Description: | Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 4**

Sample ID: 10I0133-01 | Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil | Stop Date/Time: 9/2/2010 3:10:00PM

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Naphthalene	1.5	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
4-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1	V-19	SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Phenanthrene	13	0.94	mg/Kg dry	5		SW-846 8270C	9/9/10	9/10/10 16:10	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
Pyrene	11	0.94	mg/Kg dry	5		SW-846 8270C	9/9/10	9/10/10 16:10	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 14:39	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	46.1	30-130		9/10/10 14:39
Phenol-d6	60.7	30-130		9/10/10 14:39
Nitrobenzene-d5	57.7	30-130		9/10/10 14:39
2-Fluorobiphenyl	51.1	30-130		9/10/10 14:39
2,4,6-Tribromophenol	**24.4** *	30-130	S-07	9/10/10 14:39
Terphenyl-d14	49.9	30-130		9/10/10 14:39

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 4**

Sample ID: 10I0133-01
Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil
Stop Date/Time: 9/2/2010 3:10:00PM

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:36	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:36	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:36	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:36	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:36	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:36	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:36	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:36	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:36	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	78.2	30-150		9/10/10 11:36
Decachlorobiphenyl [2]	81.1	30-150		9/10/10 11:36
Tetrachloro-m-xylene [1]	87.0	30-150		9/10/10 11:36
Tetrachloro-m-xylene [2]	88.6	30-150		9/10/10 11:36

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 4**

Sample ID: 10I0133-01
Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil
Stop Date/Time: 9/2/2010 3:10:00PM

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	160	9.2	mg/Kg dry	1		SW-846 8100 Modified	9/9/10	9/10/10 12:02	CJM

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 4**

Sample ID: 10I0133-01
Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil
Stop Date/Time: 9/2/2010 3:10:00PM

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	59	2.9	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 17:25	OP
Barium	46	2.9	mg/Kg dry	1	MS-07	SW-846 6010B	9/8/10	9/8/10 17:25	OP
Cadmium	ND	0.29	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 17:25	OP
Chromium	9.4	0.58	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 17:25	OP
Lead	59	0.87	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 17:25	OP
Mercury	0.094	0.011	mg/Kg dry	1		SW-846 7471A	9/8/10	9/8/10 14:53	AMP
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 17:25	OP
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 17:25	OP

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 4**

Sample ID: 10I0133-01
Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil
Stop Date/Time: 9/2/2010 3:10:00PM

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Specific conductance	270	2.0	µmhos/cm	1		SM18-20 2510B	9/9/10	9/9/10 12:08	SBP
% Solids	90.3		% Wt	1		SM 2540G	9/8/10	9/8/10 17:39	VAF

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 4**

Sample ID: 10I0133-01
Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil
Stop Date/Time: 9/2/2010 3:10:00PM

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.073	0.010	mg/L	1		SW-846 6010B	9/9/10	9/10/10 11:20	OP
Lead	0.11	0.010	mg/L	1		SW-846 6010B	9/9/10	9/10/10 11:20	OP

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 4A**

Sample ID: 10I0133-02
Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil
Stop Date/Time: 9/2/2010 3:10:00PM

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.046	0.010	mg/L	1		SW-846 6010B	9/9/10	9/10/10 11:25	OP
Lead	0.14	0.010	mg/L	1		SW-846 6010B	9/9/10	9/10/10 11:25	OP

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: Walsh Varsity Field Characterization 5

Sample ID: 10I0133-03 Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil Stop Date/Time: 9/2/2010 3:10:00PM

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2.0	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Benzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Bromobenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Bromochloromethane	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Bromodichloromethane	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Bromoform	ND	0.41	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Bromomethane	ND	0.081	mg/Kg dry	1	L-04	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
2-Butanone (MEK)	ND	0.81	mg/Kg dry	1	V-05	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
n-Butylbenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
sec-Butylbenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
tert-Butylbenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Carbon Disulfide	ND	0.41	mg/Kg dry	1	RL-07	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Carbon Tetrachloride	ND	0.41	mg/Kg dry	1	RL-07	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Chlorobenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Chlorodibromomethane	ND	0.16	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Chloroethane	ND	0.81	mg/Kg dry	1	RL-07, V-05	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Chloroform	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Chloromethane	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
2-Chlorotoluene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
4-Chlorotoluene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.41	mg/Kg dry	1	RL-07	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,2-Dibromoethane (EDB)	ND	0.16	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Dibromomethane	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,2-Dichlorobenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,3-Dichlorobenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,4-Dichlorobenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,1-Dichloroethane	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,2-Dichloroethane	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,1-Dichloroethylene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
cis-1,2-Dichloroethylene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
trans-1,2-Dichloroethylene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,2-Dichloropropane	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,3-Dichloropropane	ND	0.020	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
2,2-Dichloropropane	ND	0.41	mg/Kg dry	1	RL-07	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,1-Dichloropropene	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
cis-1,3-Dichloropropene	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
trans-1,3-Dichloropropene	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Diethyl Ether	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Diisopropyl Ether (DIPE)	ND	0.020	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,4-Dioxane	ND	4.1	mg/Kg dry	1	V-16	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Ethylbenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD

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Project Location: New Bedford Walsh Varsity Field | Sample Description: | Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: Walsh Varsity Field Characterization 5

Sample ID: 10I0133-03 | Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil | Stop Date/Time: 9/2/2010 3:10:00PM

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
2-Hexanone (MBK)	ND	1.6	mg/Kg dry	1	V-05	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Isopropylbenzene (Cumene)	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Methyl tert-Butyl Ether (MTBE)	ND	0.16	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Methylene Chloride	ND	0.20	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
4-Methyl-2-pentanone (MIBK)	ND	0.81	mg/Kg dry	1	V-05	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Naphthalene	ND	0.41	mg/Kg dry	1	L-04, RL-07, V-05	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
n-Propylbenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Styrene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,1,1,2-Tetrachloroethane	ND	0.16	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,1,2,2-Tetrachloroethane	ND	0.081	mg/Kg dry	1	V-05	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Tetrachloroethylene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Tetrahydrofuran	ND	0.41	mg/Kg dry	1	L-04, RL-07, V-05	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Toluene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,2,3-Trichlorobenzene	ND	0.20	mg/Kg dry	1	RL-07, V-05	SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,2,4-Trichlorobenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,1,1-Trichloroethane	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,1,2-Trichloroethane	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Trichloroethylene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Trichlorofluoromethane (Freon 11)	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,2,3-Trichloropropane	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,2,4-Trimethylbenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
1,3,5-Trimethylbenzene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
Vinyl Chloride	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
m+p Xylene	ND	0.081	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD
o-Xylene	ND	0.041	mg/Kg dry	1		SW-846 8260B	9/7/10	9/7/10 12:17	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	127	70-130		9/7/10 12:17
Toluene-d8	129	70-130		9/7/10 12:17
4-Bromofluorobenzene	115	70-130		9/7/10 12:17

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Project Location: New Bedford Walsh Varsity Field Sample Description: Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: Walsh Varsity Field Characterization 5

Sample ID: 10I0133-03 Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil Stop Date/Time: 9/2/2010 3:10:00PM

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Benzo(a)anthracene	0.48	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Benzo(a)pyrene	0.41	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Benzo(b)fluoranthene	0.47	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Benzo(g,h,i)perylene	0.30	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Chrysene	0.52	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Fluoranthene	0.76	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Indeno(1,2,3-cd)pyrene	0.33	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Bedford Walsh Varsity Field | Sample Description: | Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 5**

Sample ID: 10I0133-03 | Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil | Stop Date/Time: 9/2/2010 3:10:00PM

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-19	SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Phenanthrene	0.60	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
Pyrene	1.0	0.19	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	9/9/10	9/10/10 15:10	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	54.9	30-130		9/10/10 15:10
Phenol-d6	72.2	30-130		9/10/10 15:10
Nitrobenzene-d5	66.7	30-130		9/10/10 15:10
2-Fluorobiphenyl	60.5	30-130		9/10/10 15:10
2,4,6-Tribromophenol	**28.5** *	30-130	S-07	9/10/10 15:10
Terphenyl-d14	66.0	30-130		9/10/10 15:10

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 5**

Sample ID: 10I0133-03
Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil
Stop Date/Time: 9/2/2010 3:10:00PM

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:48	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:48	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:48	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:48	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:48	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:48	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:48	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:48	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	9/9/10	9/10/10 11:48	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	77.5	30-150		9/10/10 11:48
Decachlorobiphenyl [2]	80.2	30-150		9/10/10 11:48
Tetrachloro-m-xylene [1]	85.6	30-150		9/10/10 11:48
Tetrachloro-m-xylene [2]	89.1	30-150		9/10/10 11:48

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 5**

Sample ID: 10I0133-03
Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil
Stop Date/Time: 9/2/2010 3:10:00PM

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	150	9.1	mg/Kg dry	1		SW-846 8100 Modified	9/9/10	9/10/10 12:20	CJM

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Project Location: New Bedford Walsh Varsity Field | Sample Description: | Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 5**

Sample ID: 10I0133-03 | Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil | Stop Date/Time: 9/2/2010 3:10:00PM

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	55	2.7	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 16:26	OP
Barium	58	2.7	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 16:26	OP
Cadmium	0.34	0.27	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 16:26	OP
Chromium	10	0.54	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 16:26	OP
Lead	61	0.81	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 16:26	OP
Mercury	0.099	0.012	mg/Kg dry	1		SW-846 7471A	9/8/10	9/8/10 14:55	AMP
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 16:26	OP
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010B	9/8/10	9/8/10 16:26	OP

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 5**

Sample ID: 10I0133-03
Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil
Stop Date/Time: 9/2/2010 3:10:00PM

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Specific conductance	350	2.0	µmhos/cm	1		SM18-20 2510B	9/9/10	9/9/10 12:08	SBP
% Solids	90.7		% Wt	1		SM 2540G	9/8/10	9/8/10 17:39	VAF

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 5**

Sample ID: 10I0133-03
Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil
Stop Date/Time: 9/2/2010 3:10:00PM

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.067	0.010	mg/L	1		SW-846 6010B	9/9/10	9/10/10 11:30	OP
Lead	0.056	0.010	mg/L	1		SW-846 6010B	9/9/10	9/10/10 11:30	OP

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Project Location: New Bedford Walsh Varsity Field
Sample Description:
Work Order: 10I0133

Date Received: 9/3/2010

Field Sample #: **Walsh Varsity Field Characterization 5A**

Sample ID: 10I0133-04
Start Date/Time: 9/2/2010 3:00:00PM

Sample Matrix: Soil
Stop Date/Time: 9/2/2010 3:10:00PM

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.085	0.010	mg/L	1		SW-846 6010B	9/9/10	9/10/10 11:51	OP
Lead	0.014	0.010	mg/L	1		SW-846 6010B	9/9/10	9/10/10 11:51	OP

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10I0133-01 [Walsh Varsity Field Characterization 4]	B018918	09/08/10
10I0133-03 [Walsh Varsity Field Characterization 5]	B018918	09/08/10

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
10I0133-01 [Walsh Varsity Field Characterization 4]	B018986	1.00	09/09/10
10I0133-03 [Walsh Varsity Field Characterization 5]	B018986	1.00	09/09/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10I0133-01 [Walsh Varsity Field Characterization 4]	B018903	0.953	50.0	09/08/10
10I0133-03 [Walsh Varsity Field Characterization 5]	B018903	1.03	50.0	09/08/10

Prep Method: SW-846 3010A-SW-846 6010B **Leachates were extracted on 9/8/2010 per SW-846 1311 in Batch B018941**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10I0133-01 [Walsh Varsity Field Characterization 4]	B018983	50.0	50.0	09/09/10
10I0133-02 [Walsh Varsity Field Characterization 4A]	B018983	50.0	50.0	09/09/10
10I0133-03 [Walsh Varsity Field Characterization 5]	B018983	50.0	50.0	09/09/10
10I0133-04 [Walsh Varsity Field Characterization 5A]	B018983	50.0	50.0	09/09/10

Prep Method: SW-846 7471A-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10I0133-01 [Walsh Varsity Field Characterization 4]	B018894	0.244	25.0	09/08/10
10I0133-03 [Walsh Varsity Field Characterization 5]	B018894	0.233	25.0	09/08/10

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10I0133-01 [Walsh Varsity Field Characterization 4]	B018963	10.0	50.0	09/09/10
10I0133-03 [Walsh Varsity Field Characterization 5]	B018963	10.1	50.0	09/09/10

Prep Method: SW-846 3546-SW-846 8100 Modified

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10I0133-01 [Walsh Varsity Field Characterization 4]	B018964	30.2	1.00	09/09/10
10I0133-03 [Walsh Varsity Field Characterization 5]	B018964	30.2	1.00	09/09/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
10I0133-01 [Walsh Varsity Field Characterization 4]	B018854	20.9	17.3	1	50	09/07/10
10I0133-03 [Walsh Varsity Field Characterization 5]	B018854	23.7	17.4	1	50	09/07/10

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10I0133-01 [Walsh Varsity Field Characterization 4]	B018961	30.0	1.00	09/09/10
10I0133-03 [Walsh Varsity Field Characterization 5]	B018961	30.3	1.00	09/09/10

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018854 - SW-846 5035										
Blank (B018854-BLK1)				Prepared & Analyzed: 09/07/10						
Acetone	ND	2.5	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.10	mg/Kg wet							
Benzene	ND	0.051	mg/Kg wet							
Bromobenzene	ND	0.051	mg/Kg wet							
Bromochloromethane	ND	0.051	mg/Kg wet							
Bromodichloromethane	ND	0.10	mg/Kg wet							
Bromoform	ND	0.51	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							L-04
2-Butanone (MEK)	ND	1.0	mg/Kg wet							V-05
n-Butylbenzene	ND	0.051	mg/Kg wet							
sec-Butylbenzene	ND	0.051	mg/Kg wet							
tert-Butylbenzene	ND	0.051	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.10	mg/Kg wet							
Carbon Disulfide	ND	0.51	mg/Kg wet							RL-07
Carbon Tetrachloride	ND	0.51	mg/Kg wet							RL-07
Chlorobenzene	ND	0.051	mg/Kg wet							
Chlorodibromomethane	ND	0.20	mg/Kg wet							
Chloroethane	ND	1.0	mg/Kg wet							RL-07, V-05
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.051	mg/Kg wet							
4-Chlorotoluene	ND	0.051	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.51	mg/Kg wet							RL-07
1,2-Dibromoethane (EDB)	ND	0.20	mg/Kg wet							
Dibromomethane	ND	0.051	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.051	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.051	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.051	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.051	mg/Kg wet							
1,2-Dichloroethane	ND	0.051	mg/Kg wet							
1,1-Dichloroethylene	ND	0.051	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.051	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.051	mg/Kg wet							
1,2-Dichloropropane	ND	0.051	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.51	mg/Kg wet							RL-07
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.10	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.10	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	5.1	mg/Kg wet							V-16
Ethylbenzene	ND	0.051	mg/Kg wet							
Hexachlorobutadiene	ND	0.051	mg/Kg wet							
2-Hexanone (MBK)	ND	2.0	mg/Kg wet							V-05
Isopropylbenzene (Cumene)	ND	0.051	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.051	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.20	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	1.0	mg/Kg wet							V-05
Naphthalene	ND	0.51	mg/Kg wet							L-04, RL-07, V-05

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B018854 - SW-846 5035												
Blank (B018854-BLK1)				Prepared & Analyzed: 09/07/10								
n-Propylbenzene	ND	0.051	mg/Kg wet									
Styrene	ND	0.051	mg/Kg wet									
1,1,1,2-Tetrachloroethane	ND	0.20	mg/Kg wet									
1,1,2,2-Tetrachloroethane	ND	0.10	mg/Kg wet								V-05	
Tetrachloroethylene	ND	0.051	mg/Kg wet									
Tetrahydrofuran	ND	0.51	mg/Kg wet								L-04, RL-07, V-05	
Toluene	ND	0.051	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet								RL-07, V-05	
1,2,4-Trichlorobenzene	ND	0.051	mg/Kg wet									
1,1,1-Trichloroethane	ND	0.10	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.051	mg/Kg wet									
Trichloroethylene	ND	0.051	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.051	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.051	mg/Kg wet									
Vinyl Chloride	ND	0.10	mg/Kg wet									
m+p Xylene	ND	0.10	mg/Kg wet									
o-Xylene	ND	0.051	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*1.19*		mg/Kg wet	1.33		89.1		70-130				
Surrogate: Toluene-d8	*1.20*		mg/Kg wet	1.33		90.0		70-130				
Surrogate: 4-Bromofluorobenzene	*1.09*		mg/Kg wet	1.33		81.5		70-130				
LCS (B018854-BS1)				Prepared & Analyzed: 09/07/10								
Acetone	17.3	11	mg/Kg wet	22.7		76.5		40-160				†
tert-Amyl Methyl Ether (TAME)	1.71	0.45	mg/Kg wet	2.27		75.4		70-130				
Benzene	2.16	0.23	mg/Kg wet	2.27		95.3		70-130				
Bromobenzene	2.11	0.23	mg/Kg wet	2.27		93.0		70-130				
Bromochloromethane	2.17	0.23	mg/Kg wet	2.27		95.9		70-130				
Bromodichloromethane	2.26	0.45	mg/Kg wet	2.27		99.8		70-130				
Bromoform	1.81	2.3	mg/Kg wet	2.27		79.7		70-130				
Bromomethane	0.657	0.45	mg/Kg wet	2.27		**29.0**	*	40-160			L-04	†
2-Butanone (MEK)	14.1	4.5	mg/Kg wet	22.7		62.2		40-160			L-14, V-05	†
n-Butylbenzene	2.46	0.23	mg/Kg wet	2.27		108		70-130			V-06	
sec-Butylbenzene	2.52	0.23	mg/Kg wet	2.27		111		70-130			V-06	
tert-Butylbenzene	2.46	0.23	mg/Kg wet	2.27		108		70-130				
tert-Butyl Ethyl Ether (TBEE)	1.96	0.45	mg/Kg wet	2.27		86.4		70-130				
Carbon Disulfide	2.86	2.3	mg/Kg wet	2.27		126		70-130				
Carbon Tetrachloride	2.36	2.3	mg/Kg wet	2.27		104		70-130				
Chlorobenzene	2.10	0.23	mg/Kg wet	2.27		92.6		70-130				
Chlorodibromomethane	1.99	0.91	mg/Kg wet	2.27		87.6		70-130				
Chloroethane	1.36	4.5	mg/Kg wet	2.27		**59.9**	*	70-130			L-04, V-05	
Chloroform	2.33	0.45	mg/Kg wet	2.27		103		70-130				
Chloromethane	1.33	0.45	mg/Kg wet	2.27		58.7		40-160			L-14	†
2-Chlorotoluene	2.27	0.23	mg/Kg wet	2.27		100		70-130				
4-Chlorotoluene	2.31	0.23	mg/Kg wet	2.27		102		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	1.83	2.3	mg/Kg wet	2.27		80.8		70-130				
1,2-Dibromoethane (EDB)	1.95	0.91	mg/Kg wet	2.27		86.0		70-130				
Dibromomethane	2.09	0.23	mg/Kg wet	2.27		92.1		70-130				
1,2-Dichlorobenzene	2.26	0.23	mg/Kg wet	2.27		99.8		70-130				
1,3-Dichlorobenzene	2.32	0.23	mg/Kg wet	2.27		102		70-130				
1,4-Dichlorobenzene	2.19	0.23	mg/Kg wet	2.27		96.6		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B018854 - SW-846 5035												
LCS (B018854-BS1)				Prepared & Analyzed: 09/07/10								
Dichlorodifluoromethane (Freon 12)	1.38	0.45	mg/Kg wet	2.27		60.8		40-160			L-14	†
1,1-Dichloroethane	2.29	0.23	mg/Kg wet	2.27		101		70-130				
1,2-Dichloroethane	2.25	0.23	mg/Kg wet	2.27		99.3		70-130				
1,1-Dichloroethylene	2.50	0.23	mg/Kg wet	2.27		110		70-130				
cis-1,2-Dichloroethylene	2.32	0.23	mg/Kg wet	2.27		102		70-130				
trans-1,2-Dichloroethylene	2.52	0.23	mg/Kg wet	2.27		111		70-130				
1,2-Dichloropropane	2.17	0.23	mg/Kg wet	2.27		95.7		70-130				
1,3-Dichloropropane	1.94	0.11	mg/Kg wet	2.27		85.5		70-130				
2,2-Dichloropropane	2.53	2.3	mg/Kg wet	2.27		112		70-130			V-06	
1,1-Dichloropropene	2.31	0.45	mg/Kg wet	2.27		102		70-130				
cis-1,3-Dichloropropene	1.99	0.45	mg/Kg wet	2.27		87.9		70-130				
trans-1,3-Dichloropropene	2.14	0.45	mg/Kg wet	2.27		94.5		70-130				
Diethyl Ether	2.19	0.45	mg/Kg wet	2.27		96.7		70-130				
Diisopropyl Ether (DIPE)	2.06	0.11	mg/Kg wet	2.27		90.8		70-130				
1,4-Dioxane	15.7	23	mg/Kg wet	22.7		69.1		40-160			L-14, V-16	†
Ethylbenzene	2.24	0.23	mg/Kg wet	2.27		99.0		70-130				
Hexachlorobutadiene	2.57	0.23	mg/Kg wet	2.27		113		70-130			V-06	
2-Hexanone (MBK)	14.5	9.1	mg/Kg wet	22.7		64.2		40-160			L-14, V-05	†
Isopropylbenzene (Cumene)	2.66	0.23	mg/Kg wet	2.27		117		70-130				
p-Isopropyltoluene (p-Cymene)	2.47	0.23	mg/Kg wet	2.27		109		70-130				
Methyl tert-Butyl Ether (MTBE)	1.87	0.91	mg/Kg wet	2.27		82.4		70-130				
Methylene Chloride	2.17	1.1	mg/Kg wet	2.27		95.9		70-130				
4-Methyl-2-pentanone (MIBK)	14.9	4.5	mg/Kg wet	22.7		65.7		40-160			L-14, V-05	†
Naphthalene	1.31	2.3	mg/Kg wet	2.27		**58.0**	*	70-130			L-04, V-05	
n-Propylbenzene	2.31	0.23	mg/Kg wet	2.27		102		70-130				
Styrene	2.10	0.23	mg/Kg wet	2.27		92.5		70-130				
1,1,1,2-Tetrachloroethane	2.05	0.91	mg/Kg wet	2.27		90.5		70-130				
1,1,2,2-Tetrachloroethane	1.70	0.45	mg/Kg wet	2.27		74.9		70-130			V-05	
Tetrachloroethylene	2.28	0.23	mg/Kg wet	2.27		100		70-130				
Tetrahydrofuran	1.52	2.3	mg/Kg wet	2.27		**66.9**	*	70-130			L-04, V-05	
Toluene	2.23	0.23	mg/Kg wet	2.27		98.5		70-130				
1,2,3-Trichlorobenzene	1.64	1.1	mg/Kg wet	2.27		72.2		70-130			V-05	
1,2,4-Trichlorobenzene	1.88	0.23	mg/Kg wet	2.27		82.8		70-130				
1,1,1-Trichloroethane	2.53	0.45	mg/Kg wet	2.27		111		70-130				
1,1,2-Trichloroethane	1.99	0.23	mg/Kg wet	2.27		87.6		70-130				
Trichloroethylene	2.26	0.23	mg/Kg wet	2.27		99.7		70-130				
Trichlorofluoromethane (Freon 11)	2.63	0.45	mg/Kg wet	2.27		116		70-130			V-06	
1,2,3-Trichloropropane	1.72	0.45	mg/Kg wet	2.27		75.7		70-130				
1,2,4-Trimethylbenzene	2.38	0.23	mg/Kg wet	2.27		105		70-130				
1,3,5-Trimethylbenzene	2.26	0.23	mg/Kg wet	2.27		99.8		70-130				
Vinyl Chloride	2.21	0.45	mg/Kg wet	2.27		97.3		70-130				
m+p Xylene	4.59	0.45	mg/Kg wet	4.53		101		70-130				
o-Xylene	2.20	0.23	mg/Kg wet	2.27		96.9		70-130				
Surrogate: 1,2-Dichloroethane-d4	*5.62*		mg/Kg wet	5.33		105		70-130				
Surrogate: Toluene-d8	*5.55*		mg/Kg wet	5.33		104		70-130				
Surrogate: 4-Bromofluorobenzene	*5.62*		mg/Kg wet	5.33		105		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B018854 - SW-846 5035												
LCS Dup (B018854-BSD1)				Prepared & Analyzed: 09/07/10								
Acetone	19.2	11	mg/Kg wet	22.7		84.5		40-160	10.0	20		†
tert-Amyl Methyl Ether (TAME)	1.87	0.45	mg/Kg wet	2.27		82.3		70-130	8.75	20		
Benzene	2.30	0.23	mg/Kg wet	2.27		102		70-130	6.30	20		
Bromobenzene	2.27	0.23	mg/Kg wet	2.27		100		70-130	7.45	20		
Bromochloromethane	2.28	0.23	mg/Kg wet	2.27		101		70-130	4.78	20		
Bromodichloromethane	2.34	0.45	mg/Kg wet	2.27		103		70-130	3.45	20		
Bromoform	1.93	2.3	mg/Kg wet	2.27		85.1		70-130	6.55	20		
Bromomethane	0.567	0.45	mg/Kg wet	2.27		**25.0**	*	40-160	14.8	20	L-04	†
2-Butanone (MEK)	14.8	4.5	mg/Kg wet	22.7		65.3		40-160	4.97	20	L-14, V-05	†
n-Butylbenzene	2.53	0.23	mg/Kg wet	2.27		112		70-130	2.82	20	V-06	
sec-Butylbenzene	2.61	0.23	mg/Kg wet	2.27		115		70-130	3.54	20	V-06	
tert-Butylbenzene	2.55	0.23	mg/Kg wet	2.27		112		70-130	3.53	20		
tert-Butyl Ethyl Ether (TBEE)	2.11	0.45	mg/Kg wet	2.27		93.2		70-130	7.57	20		
Carbon Disulfide	2.87	2.3	mg/Kg wet	2.27		127		70-130	0.237	20		
Carbon Tetrachloride	2.42	2.3	mg/Kg wet	2.27		107		70-130	2.56	20		
Chlorobenzene	2.20	0.23	mg/Kg wet	2.27		96.9		70-130	4.54	20		
Chlorodibromomethane	2.11	0.91	mg/Kg wet	2.27		93.1		70-130	6.09	20		
Chloroethane	1.28	4.5	mg/Kg wet	2.27		**56.4**	*	70-130	6.02	20	L-04, V-05	
Chloroform	2.52	0.45	mg/Kg wet	2.27		111		70-130	7.95	20		
Chloromethane	1.46	0.45	mg/Kg wet	2.27		64.6		40-160	9.57	20	L-14	†
2-Chlorotoluene	2.37	0.23	mg/Kg wet	2.27		104		70-130	4.10	20		
4-Chlorotoluene	2.48	0.23	mg/Kg wet	2.27		110		70-130	7.48	20		
1,2-Dibromo-3-chloropropane (DBCP)	1.95	2.3	mg/Kg wet	2.27		86.0		70-130	6.23	20		
1,2-Dibromoethane (EDB)	2.07	0.91	mg/Kg wet	2.27		91.4		70-130	6.09	20		
Dibromomethane	2.31	0.23	mg/Kg wet	2.27		102		70-130	9.91	20		
1,2-Dichlorobenzene	2.31	0.23	mg/Kg wet	2.27		102		70-130	1.98	20		
1,3-Dichlorobenzene	2.30	0.23	mg/Kg wet	2.27		102		70-130	0.589	20		
1,4-Dichlorobenzene	2.31	0.23	mg/Kg wet	2.27		102		70-130	5.34	20		
Dichlorodifluoromethane (Freon 12)	1.44	0.45	mg/Kg wet	2.27		63.6		40-160	4.50	20	L-14	†
1,1-Dichloroethane	2.43	0.23	mg/Kg wet	2.27		107		70-130	5.96	20		
1,2-Dichloroethane	2.46	0.23	mg/Kg wet	2.27		108		70-130	8.85	20		
1,1-Dichloroethylene	2.62	0.23	mg/Kg wet	2.27		116		70-130	4.96	20		
cis-1,2-Dichloroethylene	2.46	0.23	mg/Kg wet	2.27		108		70-130	5.98	20		
trans-1,2-Dichloroethylene	2.64	0.23	mg/Kg wet	2.27		116		70-130	4.75	20		
1,2-Dichloropropane	2.29	0.23	mg/Kg wet	2.27		101		70-130	5.39	20		
1,3-Dichloropropane	2.10	0.11	mg/Kg wet	2.27		92.7		70-130	8.08	20		
2,2-Dichloropropane	2.56	2.3	mg/Kg wet	2.27		113		70-130	1.34	20	V-06	
1,1-Dichloropropene	2.36	0.45	mg/Kg wet	2.27		104		70-130	2.14	20		
cis-1,3-Dichloropropene	2.12	0.45	mg/Kg wet	2.27		93.6		70-130	6.28	20		
trans-1,3-Dichloropropene	2.25	0.45	mg/Kg wet	2.27		99.3		70-130	4.95	20		
Diethyl Ether	2.33	0.45	mg/Kg wet	2.27		103		70-130	5.92	20		
Diisopropyl Ether (DIPE)	2.15	0.11	mg/Kg wet	2.27		95.0		70-130	4.52	20		
1,4-Dioxane	17.4	23	mg/Kg wet	22.7		76.5		40-160	10.2	20	V-16	†
Ethylbenzene	2.37	0.23	mg/Kg wet	2.27		104		70-130	5.41	20		
Hexachlorobutadiene	2.58	0.23	mg/Kg wet	2.27		114		70-130	0.264	20	V-06	
2-Hexanone (MBK)	15.7	9.1	mg/Kg wet	22.7		69.3		40-160	7.61	20	L-14, V-05	†
Isopropylbenzene (Cumene)	2.79	0.23	mg/Kg wet	2.27		123		70-130	4.66	20		
p-Isopropyltoluene (p-Cymene)	2.51	0.23	mg/Kg wet	2.27		111		70-130	1.46	20		
Methyl tert-Butyl Ether (MTBE)	2.09	0.91	mg/Kg wet	2.27		92.2		70-130	11.2	20		
Methylene Chloride	2.19	1.1	mg/Kg wet	2.27		96.5		70-130	0.624	20		
4-Methyl-2-pentanone (MIBK)	15.8	4.5	mg/Kg wet	22.7		69.9		40-160	6.15	20	L-14, V-05	†
Naphthalene	1.40	2.3	mg/Kg wet	2.27		**61.8**	*	70-130	6.34	20	L-04, V-05	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B018854 - SW-846 5035											
LCS Dup (B018854-BSD1)				Prepared & Analyzed: 09/07/10							
n-Propylbenzene	2.48	0.23	mg/Kg wet	2.27		109		70-130	7.10	20	
Styrene	2.25	0.23	mg/Kg wet	2.27		99.2		70-130	6.99	20	
1,1,1,2-Tetrachloroethane	2.15	0.91	mg/Kg wet	2.27		95.0		70-130	4.85	20	
1,1,2,2-Tetrachloroethane	1.85	0.45	mg/Kg wet	2.27		81.6		70-130	8.56	20	V-05
Tetrachloroethylene	2.38	0.23	mg/Kg wet	2.27		105		70-130	4.48	20	
Tetrahydrofuran	1.56	2.3	mg/Kg wet	2.27		**69.0**	*	70-130	3.09	20	L-04, V-05
Toluene	2.36	0.23	mg/Kg wet	2.27		104		70-130	5.53	20	
1,2,3-Trichlorobenzene	1.79	1.1	mg/Kg wet	2.27		78.9		70-130	8.87	20	V-05
1,2,4-Trichlorobenzene	1.94	0.23	mg/Kg wet	2.27		85.4		70-130	3.09	20	
1,1,1-Trichloroethane	2.56	0.45	mg/Kg wet	2.27		113		70-130	1.43	20	
1,1,2-Trichloroethane	2.14	0.23	mg/Kg wet	2.27		94.2		70-130	7.26	20	
Trichloroethylene	2.41	0.23	mg/Kg wet	2.27		106		70-130	6.50	20	
Trichlorofluoromethane (Freon 11)	2.81	0.45	mg/Kg wet	2.27		124		70-130	6.66	20	V-06
1,2,3-Trichloropropane	1.74	0.45	mg/Kg wet	2.27		76.6		70-130	1.18	20	
1,2,4-Trimethylbenzene	2.46	0.23	mg/Kg wet	2.27		109		70-130	3.56	20	
1,3,5-Trimethylbenzene	2.42	0.23	mg/Kg wet	2.27		107		70-130	6.68	20	
Vinyl Chloride	2.35	0.45	mg/Kg wet	2.27		104		70-130	6.37	20	
m+p Xylene	4.81	0.45	mg/Kg wet	4.53		106		70-130	4.77	20	
o-Xylene	2.41	0.23	mg/Kg wet	2.27		106		70-130	9.16	20	
Surrogate: 1,2-Dichloroethane-d4	*5.68*		mg/Kg wet	5.33		107		70-130			
Surrogate: Toluene-d8	*5.72*		mg/Kg wet	5.33		107		70-130			
Surrogate: 4-Bromofluorobenzene	*5.71*		mg/Kg wet	5.33		107		70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018961 - SW-846 3546										
Blank (B018961-BLK1)				Prepared: 09/09/10 Analyzed: 09/10/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
Pentachlorophenol	ND	0.34	mg/Kg wet							V-19
Phenanthrene	ND	0.17	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B018961 - SW-846 3546											
Blank (B018961-BLK1)				Prepared: 09/09/10 Analyzed: 09/10/10							
Phenol	ND	0.34	mg/Kg wet								
Pyrene	ND	0.17	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet								
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet								
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet								
Surrogate: 2-Fluorophenol	*5.33*		mg/Kg wet	6.67		80.0	30-130				
Surrogate: Phenol-d6	*5.47*		mg/Kg wet	6.67		82.0	30-130				
Surrogate: Nitrobenzene-d5	*2.52*		mg/Kg wet	3.33		75.5	30-130				
Surrogate: 2-Fluorobiphenyl	*2.53*		mg/Kg wet	3.33		75.8	30-130				
Surrogate: 2,4,6-Tribromophenol	*3.80*		mg/Kg wet	6.67		57.0	30-130				
Surrogate: Terphenyl-d14	*2.12*		mg/Kg wet	3.33		63.5	30-130				
LCS (B018961-BS1)				Prepared: 09/09/10 Analyzed: 09/10/10							
Acenaphthene	1.21	0.17	mg/Kg wet	1.67		72.6	40-140				
Acenaphthylene	1.21	0.17	mg/Kg wet	1.67		72.7	40-140				
Acetophenone	0.712	0.34	mg/Kg wet	0.833		85.4	40-140				
Aniline	1.20	0.34	mg/Kg wet	1.67		72.0	40-140				
Anthracene	1.22	0.17	mg/Kg wet	1.67		73.1	40-140				
Benzo(a)anthracene	1.26	0.17	mg/Kg wet	1.67		75.7	40-140				
Benzo(a)pyrene	1.20	0.17	mg/Kg wet	1.67		71.8	40-140				
Benzo(b)fluoranthene	1.17	0.17	mg/Kg wet	1.67		70.3	40-140				
Benzo(g,h,i)perylene	1.05	0.17	mg/Kg wet	1.67		63.3	40-140				
Benzo(k)fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.3	40-140				
Bis(2-chloroethoxy)methane	1.42	0.34	mg/Kg wet	1.67		85.3	40-140				
Bis(2-chloroethyl)ether	1.65	0.34	mg/Kg wet	1.67		98.9	40-140				
Bis(2-chloroisopropyl)ether	1.66	0.34	mg/Kg wet	1.67		99.5	40-140			V-20	
Bis(2-Ethylhexyl)phthalate	1.47	0.34	mg/Kg wet	1.67		88.3	40-140				
4-Bromophenylphenylether	1.36	0.34	mg/Kg wet	1.67		81.8	40-140				
Butylbenzylphthalate	1.47	0.66	mg/Kg wet	1.67		87.9	40-140				
4-Chloroaniline	1.00	0.66	mg/Kg wet	1.67		60.0	15-140				†
2-Chloronaphthalene	1.23	0.34	mg/Kg wet	1.67		74.0	40-140				
2-Chlorophenol	1.45	0.34	mg/Kg wet	1.67		87.2	30-130				
Chrysene	1.25	0.17	mg/Kg wet	1.67		75.1	40-140				
Dibenz(a,h)anthracene	1.03	0.17	mg/Kg wet	1.67		61.7	40-140				
Dibenzofuran	1.35	0.34	mg/Kg wet	1.67		81.2	40-140				
Di-n-butylphthalate	1.44	0.34	mg/Kg wet	1.67		86.4	40-140				
1,2-Dichlorobenzene	1.42	0.34	mg/Kg wet	1.67		85.1	40-140				
1,3-Dichlorobenzene	1.28	0.34	mg/Kg wet	1.67		76.9	40-140				
1,4-Dichlorobenzene	1.36	0.34	mg/Kg wet	1.67		81.9	40-140				
3,3-Dichlorobenzidine	1.19	0.17	mg/Kg wet	1.67		71.6	40-140				
2,4-Dichlorophenol	1.31	0.34	mg/Kg wet	1.67		78.4	30-130				
Diethylphthalate	1.37	0.34	mg/Kg wet	1.67		82.2	40-140				
2,4-Dimethylphenol	1.34	0.34	mg/Kg wet	1.67		80.7	30-130				
Dimethylphthalate	1.42	0.66	mg/Kg wet	1.67		85.1	40-140				
2,4-Dinitrophenol	0.990	0.66	mg/Kg wet	1.67		59.4	15-140				†
2,4-Dinitrotoluene	1.28	0.34	mg/Kg wet	1.67		77.1	40-140				
2,6-Dinitrotoluene	1.39	0.34	mg/Kg wet	1.67		83.2	40-140				
Di-n-octylphthalate	1.59	0.66	mg/Kg wet	1.67		95.6	40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.57	0.34	mg/Kg wet	1.67		94.0	40-140				
Fluoranthene	1.32	0.17	mg/Kg wet	1.67		79.0	40-140				
Fluorene	1.17	0.17	mg/Kg wet	1.67		70.3	40-140				
Hexachlorobenzene	1.30	0.34	mg/Kg wet	1.67		78.2	40-140				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B018961 - SW-846 3546											
LCS (B018961-BS1)				Prepared: 09/09/10 Analyzed: 09/10/10							
Hexachlorobutadiene	1.24	0.34	mg/Kg wet	1.67		74.7	40-140				
Hexachloroethane	1.39	0.34	mg/Kg wet	1.67		83.3	40-140				
Indeno(1,2,3-cd)pyrene	1.05	0.17	mg/Kg wet	1.67		63.0	40-140				
Isophorone	1.44	0.34	mg/Kg wet	1.67		86.5	40-140				
2-Methylnaphthalene	1.31	0.17	mg/Kg wet	1.67		78.7	40-140				
2-Methylphenol	1.54	0.34	mg/Kg wet	1.67		92.5	30-130				
3/4-Methylphenol	1.43	0.34	mg/Kg wet	1.67		86.0	30-130				
Naphthalene	1.15	0.17	mg/Kg wet	1.67		69.3	40-140				
Nitrobenzene	1.44	0.34	mg/Kg wet	1.67		86.3	40-140				
2-Nitrophenol	1.38	0.34	mg/Kg wet	1.67		82.8	30-130				
4-Nitrophenol	1.05	0.66	mg/Kg wet	1.67		62.9	15-140				†
Pentachlorophenol	0.820	0.34	mg/Kg wet	1.67		49.2	30-130			V-19	
Phenanthrene	1.22	0.17	mg/Kg wet	1.67		73.5	40-140				
Phenol	1.52	0.34	mg/Kg wet	1.67		91.3	15-140				†
Pyrene	1.19	0.17	mg/Kg wet	1.67		71.5	40-140				
1,2,4-Trichlorobenzene	1.35	0.34	mg/Kg wet	1.67		81.2	40-140				
2,4,5-Trichlorophenol	1.21	0.34	mg/Kg wet	1.67		72.3	30-130				
2,4,6-Trichlorophenol	1.32	0.34	mg/Kg wet	1.67		79.1	30-130				
Surrogate: 2-Fluorophenol	*5.85*		mg/Kg wet	6.67		87.8	30-130				
Surrogate: Phenol-d6	*5.85*		mg/Kg wet	6.67		87.7	30-130				
Surrogate: Nitrobenzene-d5	*2.85*		mg/Kg wet	3.33		85.4	30-130				
Surrogate: 2-Fluorobiphenyl	*2.79*		mg/Kg wet	3.33		83.7	30-130				
Surrogate: 2,4,6-Tribromophenol	*4.99*		mg/Kg wet	6.67		74.8	30-130				
Surrogate: Terphenyl-d14	*2.66*		mg/Kg wet	3.33		79.7	30-130				
LCS Dup (B018961-BSD1)				Prepared: 09/09/10 Analyzed: 09/10/10							
Acenaphthene	1.20	0.17	mg/Kg wet	1.67		71.9	40-140	0.913	30		
Acenaphthylene	1.19	0.17	mg/Kg wet	1.67		71.7	40-140	1.39	30		
Acetophenone	0.733	0.34	mg/Kg wet	0.833		87.9	40-140	2.86	30		
Aniline	1.37	0.34	mg/Kg wet	1.67		82.5	40-140	13.5	30		
Anthracene	1.22	0.17	mg/Kg wet	1.67		73.2	40-140	0.0820	30		
Benzo(a)anthracene	1.30	0.17	mg/Kg wet	1.67		78.0	40-140	3.02	30		
Benzo(a)pyrene	1.25	0.17	mg/Kg wet	1.67		75.0	40-140	4.39	30		
Benzo(b)fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.1	40-140	3.79	30		
Benzo(g,h,i)perylene	1.18	0.17	mg/Kg wet	1.67		71.1	40-140	11.6	30		
Benzo(k)fluoranthene	1.29	0.17	mg/Kg wet	1.67		77.2	40-140	5.18	30		
Bis(2-chloroethoxy)methane	1.46	0.34	mg/Kg wet	1.67		87.8	40-140	2.84	30		
Bis(2-chloroethyl)ether	1.60	0.34	mg/Kg wet	1.67		95.7	40-140	3.29	30		
Bis(2-chloroisopropyl)ether	1.72	0.34	mg/Kg wet	1.67		103	40-140	3.77	30	V-20	
Bis(2-Ethylhexyl)phthalate	1.52	0.34	mg/Kg wet	1.67		91.1	40-140	3.21	30		
4-Bromophenylphenylether	1.33	0.34	mg/Kg wet	1.67		79.6	40-140	2.68	30		
Butylbenzylphthalate	1.53	0.66	mg/Kg wet	1.67		91.8	40-140	4.27	30		
4-Chloroaniline	0.981	0.66	mg/Kg wet	1.67		58.9	15-140	1.88	30		†
2-Chloronaphthalene	1.15	0.34	mg/Kg wet	1.67		68.9	40-140	7.11	30		
2-Chlorophenol	1.47	0.34	mg/Kg wet	1.67		88.0	30-130	0.982	30		
Chrysene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140	3.28	30		
Dibenz(a,h)anthracene	1.15	0.17	mg/Kg wet	1.67		68.7	40-140	10.8	30		
Dibenzofuran	1.38	0.34	mg/Kg wet	1.67		82.7	40-140	1.83	30		
Di-n-butylphthalate	1.46	0.34	mg/Kg wet	1.67		87.4	40-140	1.17	30		
1,2-Dichlorobenzene	1.47	0.34	mg/Kg wet	1.67		88.0	40-140	3.37	30		
1,3-Dichlorobenzene	1.39	0.34	mg/Kg wet	1.67		83.1	40-140	7.83	30		
1,4-Dichlorobenzene	1.43	0.34	mg/Kg wet	1.67		86.1	40-140	5.00	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B018961 - SW-846 3546											
LCS Dup (B018961-BSD1)				Prepared: 09/09/10 Analyzed: 09/10/10							
3,3-Dichlorobenzidine	1.25	0.17	mg/Kg wet	1.67		75.1	40-140	4.80	30		
2,4-Dichlorophenol	1.43	0.34	mg/Kg wet	1.67		86.0	30-130	9.27	30		
Diethylphthalate	1.44	0.34	mg/Kg wet	1.67		86.5	40-140	5.10	30		
2,4-Dimethylphenol	1.36	0.34	mg/Kg wet	1.67		81.4	30-130	0.864	30		
Dimethylphthalate	1.43	0.66	mg/Kg wet	1.67		86.1	40-140	1.10	30		
2,4-Dinitrophenol	1.18	0.66	mg/Kg wet	1.67		70.6	15-140	17.2	30		†
2,4-Dinitrotoluene	1.43	0.34	mg/Kg wet	1.67		86.0	40-140	10.9	30		
2,6-Dinitrotoluene	1.47	0.34	mg/Kg wet	1.67		87.9	40-140	5.59	30		
Di-n-octylphthalate	1.67	0.66	mg/Kg wet	1.67		100	40-140	4.86	30		
1,2-Diphenylhydrazine (as Azobenzene)	1.49	0.34	mg/Kg wet	1.67		89.7	40-140	4.77	30		
Fluoranthene	1.32	0.17	mg/Kg wet	1.67		79.3	40-140	0.404	30		
Fluorene	1.23	0.17	mg/Kg wet	1.67		73.9	40-140	5.00	30		
Hexachlorobenzene	1.30	0.34	mg/Kg wet	1.67		78.3	40-140	0.179	30		
Hexachlorobutadiene	1.27	0.34	mg/Kg wet	1.67		76.0	40-140	1.78	30		
Hexachloroethane	1.42	0.34	mg/Kg wet	1.67		85.1	40-140	2.23	30		
Indeno(1,2,3-cd)pyrene	1.18	0.17	mg/Kg wet	1.67		70.8	40-140	11.7	30		
Isophorone	1.55	0.34	mg/Kg wet	1.67		92.9	40-140	7.16	30		
2-Methylnaphthalene	1.43	0.17	mg/Kg wet	1.67		85.9	40-140	8.73	30		
2-Methylphenol	1.37	0.34	mg/Kg wet	1.67		82.3	30-130	11.8	30		
3/4-Methylphenol	1.48	0.34	mg/Kg wet	1.67		88.6	30-130	2.89	30		
Naphthalene	1.17	0.17	mg/Kg wet	1.67		70.3	40-140	1.46	30		
Nitrobenzene	1.44	0.34	mg/Kg wet	1.67		86.2	40-140	0.0928	30		
2-Nitrophenol	1.41	0.34	mg/Kg wet	1.67		84.7	30-130	2.32	30		
4-Nitrophenol	1.19	0.66	mg/Kg wet	1.67		71.5	15-140	12.8	30		†
Pentachlorophenol	0.934	0.34	mg/Kg wet	1.67		56.0	30-130	13.0	30	V-19	
Phenanthrene	1.23	0.17	mg/Kg wet	1.67		73.7	40-140	0.326	30		
Phenol	1.57	0.34	mg/Kg wet	1.67		94.0	15-140	2.91	30		†
Pyrene	1.33	0.17	mg/Kg wet	1.67		79.5	40-140	10.6	30		
1,2,4-Trichlorobenzene	1.38	0.34	mg/Kg wet	1.67		82.8	40-140	1.90	30		
2,4,5-Trichlorophenol	1.27	0.34	mg/Kg wet	1.67		76.2	30-130	5.14	30		
2,4,6-Trichlorophenol	1.32	0.34	mg/Kg wet	1.67		79.1	30-130	0.0506	30		
Surrogate: 2-Fluorophenol	*6.06*		mg/Kg wet	6.67		91.0	30-130				
Surrogate: Phenol-d6	*5.99*		mg/Kg wet	6.67		89.9	30-130				
Surrogate: Nitrobenzene-d5	*2.90*		mg/Kg wet	3.33		87.1	30-130				
Surrogate: 2-Fluorobiphenyl	*2.57*		mg/Kg wet	3.33		77.1	30-130				
Surrogate: 2,4,6-Tribromophenol	*5.60*		mg/Kg wet	6.67		83.9	30-130				
Surrogate: Terphenyl-d14	*2.95*		mg/Kg wet	3.33		88.6	30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018963 - SW-846 3546										
Blank (B018963-BLK1)				Prepared: 09/09/10 Analyzed: 09/10/10						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.201*		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.197*		mg/Kg wet	0.200		98.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.207*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.214*		mg/Kg wet	0.200		107	30-150			
LCS (B018963-BS1)				Prepared: 09/09/10 Analyzed: 09/10/10						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		110	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		96.9	40-140			
Surrogate: Decachlorobiphenyl	*0.205*		mg/Kg wet	0.200		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.198*		mg/Kg wet	0.200		99.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.213*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.219*		mg/Kg wet	0.200		109	30-150			
LCS Dup (B018963-BSD1)				Prepared: 09/09/10 Analyzed: 09/10/10						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		113	40-140	2.59	30	
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		107	40-140	3.09	30	
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		105	40-140	0.981	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		98.3	40-140	1.41	30	
Surrogate: Decachlorobiphenyl	*0.198*		mg/Kg wet	0.200		98.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.195*		mg/Kg wet	0.200		97.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.212*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.219*		mg/Kg wet	0.200		110	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018964 - SW-846 3546										
Blank (B018964-BLK1)				Prepared: 09/09/10 Analyzed: 09/10/10						
TPH as Diesel	ND	8.3	mg/Kg wet							
LCS (B018964-BS1)				Prepared: 09/09/10 Analyzed: 09/10/10						
TPH as Diesel	30.2	8.3	mg/Kg wet	33.3		90.6	40-140			
LCS Dup (B018964-BSD1)				Prepared: 09/09/10 Analyzed: 09/10/10						
TPH as Diesel	30.0	8.3	mg/Kg wet	33.3		89.9	40-140	0.829	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018894 - SW-846 7471A										
Blank (B018894-BLK1)				Prepared & Analyzed: 09/08/10						
Mercury	ND	0.011	mg/Kg wet							
LCS (B018894-BS1)				Prepared & Analyzed: 09/08/10						
Mercury	1.15	0.032	mg/Kg wet	1.25		92.1	66-132			
LCS Dup (B018894-BSD1)				Prepared & Analyzed: 09/08/10						
Mercury	1.28	0.032	mg/Kg wet	1.25		102	66-132	10.3	30	
Batch B018903 - SW-846 3050B										
Blank (B018903-BLK1)				Prepared & Analyzed: 09/08/10						
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
LCS (B018903-BS1)				Prepared & Analyzed: 09/08/10						
Arsenic	103	5.2	mg/Kg wet	111		93.1	81.6-118.4			
Barium	320	5.2	mg/Kg wet	343		93.2	80.7-119.3			
Cadmium	232	0.52	mg/Kg wet	253		91.6	82.4-117.6			
Chromium	75.9	1.0	mg/Kg wet	83.6		90.8	78.8-120.7			
Lead	107	1.6	mg/Kg wet	111		96.4	79.1-120.3			
Selenium	171	10	mg/Kg wet	184		93.0	78.4-120.9			
Silver	41.3	1.0	mg/Kg wet	47.9		86.2	66.2-133.6			
LCS (B018903-BS2)				Prepared & Analyzed: 09/08/10						
Lead	0.761	0.76	mg/Kg wet	0.760		100	80-120			
LCS Dup (B018903-BSD1)				Prepared & Analyzed: 09/08/10						
Arsenic	108	5.2	mg/Kg wet	112		96.0	81.6-118.4	4.11	30	
Barium	337	5.2	mg/Kg wet	347		97.1	80.7-119.3	5.22	30	
Cadmium	244	0.52	mg/Kg wet	256		95.2	82.4-117.6	5.10	30	
Chromium	81.0	1.0	mg/Kg wet	84.6		95.8	78.8-120.7	6.49	30	
Lead	102	1.6	mg/Kg wet	112		91.1	79.1-120.3	4.49	30	
Selenium	179	10	mg/Kg wet	186		96.3	78.4-120.9	4.61	30	
Silver	43.6	1.0	mg/Kg wet	48.5		89.9	66.2-133.6	5.42	30	
Duplicate (B018903-DUP1)		**Source: 10I0133-03**		Prepared & Analyzed: 09/08/10						
Arsenic	46.5	2.6	mg/Kg dry		54.6			16.1	35	
Barium	63.1	2.6	mg/Kg dry		57.9			8.51	35	
Cadmium	0.347	0.26	mg/Kg dry		0.337			2.86	35	
Chromium	8.97	0.53	mg/Kg dry		10.3			14.3	35	
Lead	66.1	0.79	mg/Kg dry		61.4			7.42	35	
Selenium	ND	5.3	mg/Kg dry		ND			NC	35	
Silver	ND	0.53	mg/Kg dry		ND			NC	35	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B018903 - SW-846 3050B											
Matrix Spike (B018903-MS1)		**Source: 10I0133-03**		Prepared & Analyzed: 09/08/10							
Arsenic	77.9	2.6	mg/Kg dry	26.1	54.6	89.5		75-125			
Barium	75.0	2.6	mg/Kg dry	26.1	57.9	**65.3**	*	75-125			MS-07
Cadmium	25.4	0.26	mg/Kg dry	26.1	0.337	96.1		75-125			
Chromium	33.9	0.52	mg/Kg dry	26.1	10.3	90.3		75-125			
Lead	84.0	0.78	mg/Kg dry	26.1	61.4	86.8		75-125			
Selenium	23.2	5.2	mg/Kg dry	26.1	ND	88.9		75-125			
Silver	23.6	0.52	mg/Kg dry	26.1	ND	90.5		75-125			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018986 - SM18-20 2510B										
Blank (B018986-BLK1)				Prepared & Analyzed: 09/09/10						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B018986-BS1)				Prepared & Analyzed: 09/09/10						
Specific conductance	150	2.0	µmhos/cm	147		99.2	83.2-102			
Duplicate (B018986-DUP1)	**Source: 10I0133-03**			Prepared & Analyzed: 09/09/10						
Specific conductance	390	2.0	µmhos/cm		350			10.9	18.8	

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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018983 - SW-846 3010A										
Blank (B018983-BLK1)				Prepared: 09/09/10 Analyzed: 09/10/10						
Arsenic	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
LCS (B018983-BS1)				Prepared: 09/09/10 Analyzed: 09/10/10						
Arsenic	0.596	0.010	mg/L	0.500		119	80-120			
Lead	0.505	0.010	mg/L	0.500		101	80-120			
LCS Dup (B018983-BSD1)				Prepared: 09/09/10 Analyzed: 09/10/10						
Arsenic	0.592	0.010	mg/L	0.500		118	80-120	0.662	20	
Lead	0.504	0.010	mg/L	0.500		101	80-120	0.211	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits estabished for difficult compound.
‡	Wide RPD limits estabished for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
RL-07	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
S-17	Surrogate recovery is outside of control limits. Data validation is not affected since all results are less than the reporting limit and bias is on the high side.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-19	Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010B in Soil	
Arsenic	CT,NH,NY
Barium	CT,NH,NY
Cadmium	CT,NH,NY
Chromium	CT,NH,NY
Lead	CT,NH,NY,AIHA
Selenium	CT,NH,NY
Silver	CT,NH,NY
SW-846 6010B in Water	
Arsenic	NY,CT
Lead	NY,CT
SW-846 7471A in Soil	
Mercury	CT,NH,NY
SW-846 8082 in Soil	
Aroclor-1016	CT,NH,NY,NC
Aroclor-1016 [2C]	CT,NH,NY,NC
Aroclor-1221	CT,NH,NY,NC
Aroclor-1221 [2C]	CT,NH,NY,NC
Aroclor-1232	CT,NH,NY,NC
Aroclor-1232 [2C]	CT,NH,NY,NC
Aroclor-1242	CT,NH,NY,NC
Aroclor-1242 [2C]	CT,NH,NY,NC
Aroclor-1248	CT,NH,NY,NC
Aroclor-1248 [2C]	CT,NH,NY,NC
Aroclor-1254	CT,NH,NY,NC
Aroclor-1254 [2C]	CT,NH,NY,NC
Aroclor-1260	CT,NH,NY,NC
Aroclor-1260 [2C]	CT,NH,NY,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromochloromethane	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
tert-Butyl Ethyl Ether (TBEE)	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NC
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270C in Soil	
Di-n-octylphthalate	CT,NY,NH
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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Phone: 413-525-2332
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Email: info@contestlabs.com
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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

10I0133

Company Name: Triumvirate Environmental
Address: 61 Inner Belt Road
Somerville MA
Attention: Jason Atwood
Project Location: New Bedford Walsh Varsity Field
Sampled By:

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Telephone: 617-715-8997
Project # 68280
Client PO# NE9665

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: jatwood@triumvirate.com
Format: ◉ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Total RCRA 8 Metals	AS, PB TCLP	TPH by 8100	PCBs	8260	8270	Conductivity					# of Containers	** Preservation	***Container Code
01	Walsh Varsity Field Characterization 4	9/2 3:00	9/2 3:10	x		S o		✓	✓	✓	✓	✓	✓	✓							
02	Walsh Varisty Field Characterization 4a	9/2 3:00	9/2 3:10	x					✓												
03	" " 5	" "	" "	x				✓	✓	✓	✓	✓	✓	✓							
04	" " 5a	" "	" "	x					✓												

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 9/3 3:00	
Received by: (signature)	Date/Time: 9-2-10	
Relinquished by: (signature)	Date/Time: 9-3-10	
Received by: (signature) 3.0°	Date/Time: 9/3/10	

Turnaround ††
☐ 7-Day
◉ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

www.contestlabs.com

ANALYTICAL LABORATORY

Sample Receipt Checklist

East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: TriUMVirate RECEIVED BY: CEC DATE: 9/3/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 3.6 Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? Yes (No) Stored where: _____

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	6
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	8	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

mL vials: # HCl _____ # Methanol 8

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

all samples have the proper Acid pH: Yes No N/A _____

all samples have the proper Base pH: Yes No N/A _____

June 2010

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

December 7, 2010

David Sullivan
TRC Solutions - Lowell
650 Suffolk Street
Lowell, MA 01852

Project Location: City of New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 10K0724

Enclosed are results of analyses for samples received by the laboratory on November 19, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

TRC Solutions - Lowell
650 Suffolk Street
Lowell, MA 01852
ATTN: David Sullivan

REPORT DATE: 12/7/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10K0724

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: City of New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WALSH-DS-01	10K0724-01	Soil		SM 2540G	
				SW-846 6010B	
				SW-846 7471B	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8270C	
WALSH-DS-01	10K0724-02	Soil		SM 2540G	
				SW-846 8260B	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT - 12/07/2010 - Narrated LCS/LCSD recovery of 4-Chloroaniline.

For method SW 846-6010, no sample was submitted for MS analysis.

For method 6010, only RCRA 5 metals were requested and reported.

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SW-846 8260B

Qualifications:

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Acetone, Bromomethane, Dichlorodifluoromethane (Freon 12)

B022699-BS1, B022699-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene

10K0724-02[WALSH-DS-01], B022699-BLK1, B022699-BS1, B022699-BSD1

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Tetrahydrofuran

10K0724-02[WALSH-DS-01], B022699-BS1, B022699-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Butanone (MEK), Acetone, Tetrahydrofuran

10K0724-02[WALSH-DS-01], B022699-BLK1, B022699-BS1, B022699-BSD1

SW-846 8270C

Qualifications:

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether

B022734-BS1

Compound classified by MA CAM as difficult with acceptable recoveries of 15-140%. Recovery does not meet criteria of 40-140% for Base/Neutral or 30-130% for Acids but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

4-Chloroaniline

B022734-BS1, B022734-BSD1

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol, Terphenyl-d14

B022734-BSD1

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, Bis(2-chloroisopropyl)ether

10K0724-01[WALSH-DS-01], B022734-BLK1, B022734-BS1, B022734-BSD1

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Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

3,3-Dichlorobenzidine

B022734-BS1, B022734-BSD1

SW-846 8100 Modified

TPH (C9-C36) is quantitated against a calibration made with a diesel standard.

SW-846 8260B

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for “difficult analytes” where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

SW-846 8270C

Laboratory control sample recoveries for required MCP Data Enhancement 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative. Difficult analytes limits are 15 and 140%: 2,4-dinitrophenol, 4-chloroaniline, 4-nitrophenol, and phenol.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City of New Bedford | Sample Description: | Work Order: 10K0724

Date Received: 11/19/2010

Field Sample #: WALSH-DS-01 | Sampled: 11/19/2010 10:40

Sample ID: 10K0724-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Benzo(a)anthracene	0.39	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Benzo(a)pyrene	0.35	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Benzo(b)fluoranthene	0.45	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1	V-04	SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Butylbenzylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Chrysene	0.39	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Dimethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1	V-04	SW-846 8270C	11/23/10	11/24/10 20:50	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Di-n-octylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Fluoranthene	0.71	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Indeno(1,2,3-cd)pyrene	0.24	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City of New Bedford | Sample Description: | Work Order: 10K0724

Date Received: 11/19/2010

Field Sample #: WALSH-DS-01 | Sampled: 11/19/2010 10:40

Sample ID: 10K0724-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Phenanthrene	0.53	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
Pyrene	0.58	0.19	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	11/23/10	11/24/10 20:50	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	86.0	30-130		11/24/10 20:50
Phenol-d6	85.2	30-130		11/24/10 20:50
Nitrobenzene-d5	68.3	30-130		11/24/10 20:50
2-Fluorobiphenyl	74.6	30-130		11/24/10 20:50
2,4,6-Tribromophenol	77.4	30-130		11/24/10 20:50
Terphenyl-d14	61.1	30-130		11/24/10 20:50

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Project Location: City of New Bedford | Sample Description: | Work Order: 10K0724

Date Received: 11/19/2010

Field Sample #: WALSH-DS-01 | Sampled: 11/19/2010 10:40

Sample ID: 10K0724-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	11/23/10	11/24/10 14:44	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	11/23/10	11/24/10 14:44	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	11/23/10	11/24/10 14:44	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	11/23/10	11/24/10 14:44	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	11/23/10	11/24/10 14:44	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	11/23/10	11/24/10 14:44	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	11/23/10	11/24/10 14:44	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	11/23/10	11/24/10 14:44	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	11/23/10	11/24/10 14:44	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	81.1	30-150		11/24/10 14:44
Decachlorobiphenyl [2]	92.2	30-150		11/24/10 14:44
Tetrachloro-m-xylene [1]	94.0	30-150		11/24/10 14:44
Tetrachloro-m-xylene [2]	94.3	30-150		11/24/10 14:44

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Project Location: City of New Bedford
Sample Description:
Work Order: 10K0724

Date Received: 11/19/2010

Field Sample #: WALSH-DS-01
Sampled: 11/19/2010 10:40

Sample ID: 10K0724-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH C9-C36 Hydrocarbons as Diesel	71	9.3	mg/Kg dry	1		SW-846 8100 Modified	11/23/10	11/24/10 18:46	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	79.1	40-140		11/24/10 18:46

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City of New Bedford
Sample Description:
Work Order: 10K0724

Date Received: 11/19/2010

Field Sample #: WALSH-DS-01
Sampled: 11/19/2010 10:40

Sample ID: 10K0724-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.6	2.7	mg/Kg dry	1		SW-846 6010B	11/22/10	11/23/10 15:33	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010B	11/22/10	11/23/10 15:33	OP
Chromium	11	0.55	mg/Kg dry	1		SW-846 6010B	11/22/10	11/23/10 15:33	OP
Lead	72	0.82	mg/Kg dry	1		SW-846 6010B	11/22/10	11/23/10 15:33	OP
Mercury	0.089	0.0092	mg/Kg dry	1		SW-846 7471B	11/23/10	11/24/10 13:18	CWB

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City of New Bedford
Sample Description:
Work Order: 10K0724

Date Received: 11/19/2010

Field Sample #: WALSH-DS-01
Sampled: 11/19/2010 10:40

Sample ID: 10K0724-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.9		% Wt	1		SM 2540G	11/22/10	11/23/10 8:25	PJS

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City of New Bedford | Sample Description: | Work Order: 10K0724

Date Received: 11/19/2010

Field Sample #: WALSH-DS-01 | Sampled: 11/19/2010 10:40

Sample ID: 10K0724-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.089	mg/Kg dry	1	V-16	SW-846 8260B	11/22/10	11/22/10 13:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Bromomethane	ND	0.0089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
2-Butanone (MEK)	ND	0.036	mg/Kg dry	1	V-16	SW-846 8260B	11/22/10	11/22/10 13:22	MFF
n-Butylbenzene	ND	0.0036	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Carbon Disulfide	ND	0.0053	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Carbon Tetrachloride	ND	0.0036	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Chlorodibromomethane	ND	0.0036	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Chloroethane	ND	0.0089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Chloroform	ND	0.0036	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Chloromethane	ND	0.0089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,2-Dibromoethane (EDB)	ND	0.00089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,1-Dichloroethylene	ND	0.0036	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,3-Dichloropropane	ND	0.00089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
cis-1,3-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
trans-1,3-Dichloropropene	ND	0.0036	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Diethyl Ether	ND	0.0089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Diisopropyl Ether (DIPE)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,4-Dioxane	ND	0.18	mg/Kg dry	1	V-16	SW-846 8260B	11/22/10	11/22/10 13:22	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City of New Bedford | Sample Description: | Work Order: 10K0724

Date Received: 11/19/2010

Field Sample #: WALSH-DS-01 | Sampled: 11/19/2010 10:40

Sample ID: 10K0724-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Isopropylbenzene (Cumene)	ND	0.0036	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0036	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Methylene Chloride	ND	0.0089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Naphthalene	ND	0.0089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.00089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Tetrahydrofuran	0.055	0.0089	mg/Kg dry	1	V-06, V-16	SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,2,3-Trichlorobenzene	ND	0.0089	mg/Kg dry	1	V-05	SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,2,4-Trichlorobenzene	ND	0.0089	mg/Kg dry	1	V-05	SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
Vinyl Chloride	ND	0.0089	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
m+p Xylene	ND	0.0036	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	11/22/10	11/22/10 13:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.9	70-130		11/22/10 13:22
Toluene-d8	95.6	70-130		11/22/10 13:22
4-Bromofluorobenzene	94.0	70-130		11/22/10 13:22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City of New Bedford
Sample Description:
Work Order: 10K0724

Date Received: 11/19/2010

Field Sample #: WALSH-DS-01
Sampled: 11/19/2010 10:40

Sample ID: 10K0724-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.9		% Wt	1		SM 2540G	11/22/10	11/23/10 8:25	PJS

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10K0724-01 [WALSH-DS-01]	B022681	11/22/10
10K0724-02 [WALSH-DS-01]	B022681	11/22/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0724-01 [WALSH-DS-01]	B022680	1.03	50.0	11/22/10

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0724-01 [WALSH-DS-01]	B022751	0.613	50.0	11/23/10

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0724-01 [WALSH-DS-01]	B022727	10.1	50.0	11/23/10

Prep Method: SW-846 3546-SW-846 8100 Modified

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0724-01 [WALSH-DS-01]	B022730	30.1	1.00	11/23/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0724-02 [WALSH-DS-01]	B022699	6.31	10.0	11/22/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0724-01 [WALSH-DS-01]	B022734	30.1	1.00	11/23/10

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B022699 - SW-846 5035										
Blank (B022699-BLK1)				Prepared & Analyzed: 11/22/10						
Acetone	ND	0.10	mg/Kg wet							V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.010	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0020	mg/Kg wet							
1,4-Dioxane	ND	0.20	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.010	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B022699 - SW-846 5035											
Blank (B022699-BLK1)				Prepared & Analyzed: 11/22/10							
n-Propylbenzene	ND	0.0020	mg/Kg wet								
Styrene	ND	0.0020	mg/Kg wet								
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet								
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.010	mg/Kg wet							V-05	
1,2,4-Trichlorobenzene	ND	0.010	mg/Kg wet							V-05	
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0493*		mg/Kg wet	0.0500		98.7	70-130				
Surrogate: Toluene-d8	*0.0492*		mg/Kg wet	0.0500		98.3	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0484*		mg/Kg wet	0.0500		96.9	70-130				
LCS (B022699-BS1)				Prepared & Analyzed: 11/22/10							
Acetone	0.264	0.10	mg/Kg wet	0.200		132	40-160			L-14, V-16	†
tert-Amyl Methyl Ether (TAME)	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130				
Benzene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130				
Bromobenzene	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130				
Bromochloromethane	0.0183	0.0020	mg/Kg wet	0.0200		91.3	70-130				
Bromodichloromethane	0.0178	0.0020	mg/Kg wet	0.0200		89.2	70-130				
Bromoform	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130				
Bromomethane	0.0116	0.010	mg/Kg wet	0.0200		58.0	40-160			L-14	†
2-Butanone (MEK)	0.208	0.040	mg/Kg wet	0.200		104	40-160			V-16	†
n-Butylbenzene	0.0176	0.0040	mg/Kg wet	0.0200		87.9	70-130				
sec-Butylbenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.7	70-130				
tert-Butylbenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.3	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
Carbon Disulfide	0.0218	0.0060	mg/Kg wet	0.0200		109	70-130				
Carbon Tetrachloride	0.0182	0.0040	mg/Kg wet	0.0200		91.0	70-130				
Chlorobenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.0	70-130				
Chlorodibromomethane	0.0178	0.0040	mg/Kg wet	0.0200		89.1	70-130				
Chloroethane	0.0171	0.010	mg/Kg wet	0.0200		85.6	70-130				
Chloroform	0.0194	0.0040	mg/Kg wet	0.0200		96.9	70-130				
Chloromethane	0.0158	0.010	mg/Kg wet	0.0200		78.8	40-160				†
2-Chlorotoluene	0.0179	0.0020	mg/Kg wet	0.0200		89.7	70-130				
4-Chlorotoluene	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130				
1,2-Dibromoethane (EDB)	0.0174	0.0010	mg/Kg wet	0.0200		87.2	70-130				
Dibromomethane	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130				
1,2-Dichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130				
1,3-Dichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130				
1,4-Dichlorobenzene	0.0186	0.0020	mg/Kg wet	0.0200		92.9	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B022699 - SW-846 5035											
LCS (B022699-BS1)				Prepared & Analyzed: 11/22/10							
Dichlorodifluoromethane (Freon 12)	0.0111	0.010	mg/Kg wet	0.0200		55.5	40-160			L-14	†
1,1-Dichloroethane	0.0183	0.0020	mg/Kg wet	0.0200		91.7	70-130				
1,2-Dichloroethane	0.0174	0.0020	mg/Kg wet	0.0200		86.9	70-130				
1,1-Dichloroethylene	0.0205	0.0040	mg/Kg wet	0.0200		103	70-130				
cis-1,2-Dichloroethylene	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130				
trans-1,2-Dichloroethylene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130				
1,2-Dichloropropane	0.0177	0.0020	mg/Kg wet	0.0200		88.4	70-130				
1,3-Dichloropropane	0.0177	0.0010	mg/Kg wet	0.0200		88.5	70-130				
2,2-Dichloropropane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130				
1,1-Dichloropropene	0.0189	0.0020	mg/Kg wet	0.0200		94.4	70-130				
cis-1,3-Dichloropropene	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130				
trans-1,3-Dichloropropene	0.0192	0.0040	mg/Kg wet	0.0200		95.8	70-130				
Diethyl Ether	0.0216	0.010	mg/Kg wet	0.0200		108	70-130				
Diisopropyl Ether (DIPE)	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
1,4-Dioxane	0.218	0.20	mg/Kg wet	0.200		109	40-160			V-16	†
Ethylbenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130				
Hexachlorobutadiene	0.0178	0.0020	mg/Kg wet	0.0200		89.1	70-130				
2-Hexanone (MBK)	0.179	0.020	mg/Kg wet	0.200		89.6	40-160				†
Isopropylbenzene (Cumene)	0.0203	0.0040	mg/Kg wet	0.0200		102	70-130				
p-Isopropyltoluene (p-Cymene)	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0211	0.0040	mg/Kg wet	0.0200		105	70-130				
Methylene Chloride	0.0179	0.010	mg/Kg wet	0.0200		89.7	70-130				
4-Methyl-2-pentanone (MIBK)	0.173	0.020	mg/Kg wet	0.200		86.5	40-160				†
Naphthalene	0.0174	0.010	mg/Kg wet	0.0200		87.0	70-130				
n-Propylbenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.1	70-130				
Styrene	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130				
1,1,1,2-Tetrachloroethane	0.0184	0.0020	mg/Kg wet	0.0200		91.9	70-130				
1,1,2,2-Tetrachloroethane	0.0170	0.0010	mg/Kg wet	0.0200		84.8	70-130				
Tetrachloroethylene	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130				
Tetrahydrofuran	0.0214	0.010	mg/Kg wet	0.0200		107	70-130			V-06, V-16	
Toluene	0.0182	0.0020	mg/Kg wet	0.0200		90.9	70-130				
1,2,3-Trichlorobenzene	0.0164	0.010	mg/Kg wet	0.0200		82.1	70-130			V-05	
1,2,4-Trichlorobenzene	0.0164	0.010	mg/Kg wet	0.0200		82.2	70-130			V-05	
1,1,1-Trichloroethane	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130				
1,1,2-Trichloroethane	0.0175	0.0020	mg/Kg wet	0.0200		87.5	70-130				
Trichloroethylene	0.0177	0.0020	mg/Kg wet	0.0200		88.5	70-130				
Trichlorofluoromethane (Freon 11)	0.0186	0.010	mg/Kg wet	0.0200		93.0	70-130				
1,2,3-Trichloropropane	0.0166	0.0020	mg/Kg wet	0.0200		82.9	70-130				
1,2,4-Trimethylbenzene	0.0177	0.0020	mg/Kg wet	0.0200		88.6	70-130				
1,3,5-Trimethylbenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130				
Vinyl Chloride	0.0182	0.010	mg/Kg wet	0.0200		91.2	70-130				
m+p Xylene	0.0366	0.0040	mg/Kg wet	0.0400		91.6	70-130				
o-Xylene	0.0183	0.0020	mg/Kg wet	0.0200		91.7	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0502*		mg/Kg wet	0.0500		100	70-130				
Surrogate: Toluene-d8	*0.0495*		mg/Kg wet	0.0500		99.0	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0511*		mg/Kg wet	0.0500		102	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B022699 - SW-846 5035											
LCS Dup (B022699-BSD1)				Prepared & Analyzed: 11/22/10							
Acetone	0.254	0.10	mg/Kg wet	0.200		127	40-160	3.98	20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0191	0.0010	mg/Kg wet	0.0200		95.5	70-130	12.5	20		
Benzene	0.0178	0.0020	mg/Kg wet	0.0200		89.2	70-130	8.99	20		
Bromobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.2	70-130	2.13	20		
Bromochloromethane	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130	1.84	20		
Bromodichloromethane	0.0184	0.0020	mg/Kg wet	0.0200		91.8	70-130	2.87	20		
Bromoform	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	1.90	20		
Bromomethane	0.0124	0.010	mg/Kg wet	0.0200		62.1	40-160	6.83	20	L-14	†
2-Butanone (MEK)	0.195	0.040	mg/Kg wet	0.200		97.3	40-160	6.52	20	V-16	†
n-Butylbenzene	0.0181	0.0040	mg/Kg wet	0.0200		90.5	70-130	2.91	20		
sec-Butylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130	4.89	20		
tert-Butylbenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	3.93	20		
tert-Butyl Ethyl Ether (TBEE)	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	0.584	20		
Carbon Disulfide	0.0211	0.0060	mg/Kg wet	0.0200		106	70-130	3.07	20		
Carbon Tetrachloride	0.0184	0.0040	mg/Kg wet	0.0200		92.0	70-130	1.09	20		
Chlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.3	70-130	1.40	20		
Chlorodibromomethane	0.0185	0.0040	mg/Kg wet	0.0200		92.4	70-130	3.64	20		
Chloroethane	0.0166	0.010	mg/Kg wet	0.0200		82.8	70-130	3.33	20		
Chloroform	0.0197	0.0040	mg/Kg wet	0.0200		98.3	70-130	1.43	20		
Chloromethane	0.0146	0.010	mg/Kg wet	0.0200		73.2	40-160	7.37	20		†
2-Chlorotoluene	0.0181	0.0020	mg/Kg wet	0.0200		90.6	70-130	0.998	20		
4-Chlorotoluene	0.0182	0.0020	mg/Kg wet	0.0200		90.9	70-130	0.220	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0194	0.0020	mg/Kg wet	0.0200		97.0	70-130	3.64	20		
1,2-Dibromoethane (EDB)	0.0178	0.0010	mg/Kg wet	0.0200		89.0	70-130	2.04	20		
Dibromomethane	0.0182	0.0020	mg/Kg wet	0.0200		91.2	70-130	0.220	20		
1,2-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130	1.16	20		
1,3-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130	3.68	20		
1,4-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130	2.34	20		
Dichlorodifluoromethane (Freon 12)	0.0107	0.010	mg/Kg wet	0.0200		53.4	40-160	3.86	20	L-14	†
1,1-Dichloroethane	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130	0.544	20		
1,2-Dichloroethane	0.0164	0.0020	mg/Kg wet	0.0200		81.8	70-130	6.05	20		
1,1-Dichloroethylene	0.0200	0.0040	mg/Kg wet	0.0200		100	70-130	2.66	20		
cis-1,2-Dichloroethylene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130	1.66	20		
trans-1,2-Dichloroethylene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	0.558	20		
1,2-Dichloropropane	0.0176	0.0020	mg/Kg wet	0.0200		87.9	70-130	0.567	20		
1,3-Dichloropropane	0.0177	0.0010	mg/Kg wet	0.0200		88.5	70-130	0.00	20		
2,2-Dichloropropane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	0.180	20		
1,1-Dichloropropene	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130	0.949	20		
cis-1,3-Dichloropropene	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130	1.53	20		
trans-1,3-Dichloropropene	0.0192	0.0040	mg/Kg wet	0.0200		96.2	70-130	0.417	20		
Diethyl Ether	0.0205	0.010	mg/Kg wet	0.0200		102	70-130	5.42	20		
Diisopropyl Ether (DIPE)	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130	3.49	20		
1,4-Dioxane	0.201	0.20	mg/Kg wet	0.200		101	40-160	8.15	20	V-16	†
Ethylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.2	70-130	3.05	20		
Hexachlorobutadiene	0.0186	0.0020	mg/Kg wet	0.0200		92.8	70-130	4.07	20		
2-Hexanone (MBK)	0.168	0.020	mg/Kg wet	0.200		84.2	40-160	6.23	20		†
Isopropylbenzene (Cumene)	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130	1.46	20		
p-Isopropyltoluene (p-Cymene)	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	4.13	20		
Methyl tert-Butyl Ether (MTBE)	0.0196	0.0040	mg/Kg wet	0.0200		98.0	70-130	7.28	20		
Methylene Chloride	0.0174	0.010	mg/Kg wet	0.0200		87.2	70-130	2.83	20		
4-Methyl-2-pentanone (MIBK)	0.162	0.020	mg/Kg wet	0.200		81.0	40-160	6.54	20		†
Naphthalene	0.0162	0.010	mg/Kg wet	0.0200		81.0	70-130	7.14	20		

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B022699 - SW-846 5035										
LCS Dup (B022699-BSD1)				Prepared & Analyzed: 11/22/10						
n-Propylbenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.6	70-130	1.62	20	
Styrene	0.0178	0.0020	mg/Kg wet	0.0200		89.1	70-130	2.11	20	
1,1,1,2-Tetrachloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130	3.32	20	
1,1,2,2-Tetrachloroethane	0.0162	0.0010	mg/Kg wet	0.0200		81.0	70-130	4.58	20	
Tetrachloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.7	70-130	1.81	20	
Tetrahydrofuran	0.0240	0.010	mg/Kg wet	0.0200		120	70-130	11.5	20	V-06, V-16
Toluene	0.0185	0.0020	mg/Kg wet	0.0200		92.4	70-130	1.64	20	
1,2,3-Trichlorobenzene	0.0158	0.010	mg/Kg wet	0.0200		79.0	70-130	3.85	20	V-05
1,2,4-Trichlorobenzene	0.0161	0.010	mg/Kg wet	0.0200		80.6	70-130	1.97	20	V-05
1,1,1-Trichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130	0.505	20	
1,1,2-Trichloroethane	0.0178	0.0020	mg/Kg wet	0.0200		88.9	70-130	1.59	20	
Trichloroethylene	0.0180	0.0020	mg/Kg wet	0.0200		89.9	70-130	1.57	20	
Trichlorofluoromethane (Freon 11)	0.0188	0.010	mg/Kg wet	0.0200		93.8	70-130	0.857	20	
1,2,3-Trichloropropane	0.0154	0.0020	mg/Kg wet	0.0200		77.0	70-130	7.38	20	
1,2,4-Trimethylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		92.8	70-130	4.63	20	
1,3,5-Trimethylbenzene	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130	0.662	20	
Vinyl Chloride	0.0176	0.010	mg/Kg wet	0.0200		87.8	70-130	3.80	20	
m+p Xylene	0.0372	0.0040	mg/Kg wet	0.0400		93.1	70-130	1.62	20	
o-Xylene	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130	0.544	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0483*		mg/Kg wet	0.0500		96.7	70-130			
Surrogate: Toluene-d8	*0.0500*		mg/Kg wet	0.0500		100	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0495*		mg/Kg wet	0.0500		99.0	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B022734 - SW-846 3546										
Blank (B022734-BLK1)				Prepared: 11/23/10 Analyzed: 11/24/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							V-04
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-04
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B022734 - SW-846 3546												
Blank (B022734-BLK1)				Prepared: 11/23/10 Analyzed: 11/24/10								
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*7.14*		mg/Kg wet	6.67		107		30-130				
Surrogate: Phenol-d6	*7.09*		mg/Kg wet	6.67		106		30-130				
Surrogate: Nitrobenzene-d5	*2.95*		mg/Kg wet	3.33		88.4		30-130				
Surrogate: 2-Fluorobiphenyl	*3.03*		mg/Kg wet	3.33		91.0		30-130				
Surrogate: 2,4,6-Tribromophenol	*6.75*		mg/Kg wet	6.67		101		30-130				
Surrogate: Terphenyl-d14	*3.24*		mg/Kg wet	3.33		97.1		30-130				
LCS (B022734-BS1)				Prepared: 11/23/10 Analyzed: 11/24/10								
Acenaphthene	1.46	0.17	mg/Kg wet	3.33		43.9		40-140				
Acenaphthylene	1.46	0.17	mg/Kg wet	3.33		43.7		40-140				
Acetophenone	0.865	0.34	mg/Kg wet	1.67		51.9		40-140				
Aniline	1.46	0.34	mg/Kg wet	3.33		43.7		40-140				
Anthracene	1.52	0.17	mg/Kg wet	3.33		45.7		40-140				
Benzo(a)anthracene	1.55	0.17	mg/Kg wet	3.33		46.4		40-140				
Benzo(a)pyrene	1.56	0.17	mg/Kg wet	3.33		46.8		40-140				
Benzo(b)fluoranthene	1.46	0.17	mg/Kg wet	3.33		43.7		40-140				
Benzo(g,h,i)perylene	1.60	0.17	mg/Kg wet	3.33		48.1		40-140				
Benzo(k)fluoranthene	1.51	0.17	mg/Kg wet	3.33		45.4		40-140				
Bis(2-chloroethoxy)methane	1.74	0.34	mg/Kg wet	3.33		52.2		40-140				
Bis(2-chloroethyl)ether	1.73	0.34	mg/Kg wet	3.33		52.0		40-140				
Bis(2-chloroisopropyl)ether	1.27	0.34	mg/Kg wet	3.33		**38.2**	*	40-140			L-07, V-04	
Bis(2-Ethylhexyl)phthalate	2.04	0.34	mg/Kg wet	3.33		61.3		40-140				
4-Bromophenylphenylether	1.87	0.34	mg/Kg wet	3.33		56.0		40-140				
Butylbenzylphthalate	2.02	0.66	mg/Kg wet	3.33		60.6		40-140				
4-Chloroaniline	0.564	0.66	mg/Kg wet	3.33		16.9		15-140			L-15	†
2-Chloronaphthalene	1.52	0.34	mg/Kg wet	3.33		45.5		40-140				
2-Chlorophenol	1.73	0.34	mg/Kg wet	3.33		51.9		30-130				
Chrysene	1.52	0.17	mg/Kg wet	3.33		45.8		40-140				
Dibenz(a,h)anthracene	1.75	0.17	mg/Kg wet	3.33		52.4		40-140				
Dibenzofuran	1.82	0.34	mg/Kg wet	3.33		54.5		40-140				
Di-n-butylphthalate	1.89	0.34	mg/Kg wet	3.33		56.6		40-140				
1,2-Dichlorobenzene	1.62	0.34	mg/Kg wet	3.33		48.8		40-140				
1,3-Dichlorobenzene	1.58	0.34	mg/Kg wet	3.33		47.4		40-140				
1,4-Dichlorobenzene	1.58	0.34	mg/Kg wet	3.33		47.5		40-140				
3,3-Dichlorobenzidine	1.51	0.17	mg/Kg wet	3.33		45.2		40-140			V-20	
2,4-Dichlorophenol	1.86	0.34	mg/Kg wet	3.33		55.8		30-130				
Diethylphthalate	1.80	0.34	mg/Kg wet	3.33		53.9		40-140				
2,4-Dimethylphenol	1.79	0.34	mg/Kg wet	3.33		53.6		30-130				
Dimethylphthalate	1.82	0.66	mg/Kg wet	3.33		54.6		40-140				
2,4-Dinitrophenol	1.36	0.66	mg/Kg wet	3.33		40.9		15-140			V-04	†
2,4-Dinitrotoluene	1.76	0.34	mg/Kg wet	3.33		52.9		40-140				
2,6-Dinitrotoluene	1.86	0.34	mg/Kg wet	3.33		55.8		40-140				
Di-n-octylphthalate	2.04	0.66	mg/Kg wet	3.33		61.2		40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.81	0.34	mg/Kg wet	3.33		54.2		40-140				
Fluoranthene	1.49	0.17	mg/Kg wet	3.33		44.6		40-140				
Fluorene	1.53	0.17	mg/Kg wet	3.33		46.0		40-140				
Hexachlorobenzene	1.83	0.34	mg/Kg wet	3.33		54.9		40-140				

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B022734 - SW-846 3546											
LCS (B022734-BS1)				Prepared: 11/23/10 Analyzed: 11/24/10							
Hexachlorobutadiene	1.62	0.34	mg/Kg wet	3.33		48.6	40-140				
Hexachloroethane	1.63	0.34	mg/Kg wet	3.33		48.9	40-140				
Indeno(1,2,3-cd)pyrene	1.80	0.17	mg/Kg wet	3.33		54.0	40-140				
Isophorone	1.70	0.34	mg/Kg wet	3.33		50.9	40-140				
2-Methylnaphthalene	1.51	0.17	mg/Kg wet	3.33		45.4	40-140				
2-Methylphenol	1.81	0.34	mg/Kg wet	3.33		54.3	30-130				
3/4-Methylphenol	1.76	0.34	mg/Kg wet	3.33		52.8	30-130				
Naphthalene	1.44	0.17	mg/Kg wet	3.33		43.4	40-140				
Nitrobenzene	1.57	0.34	mg/Kg wet	3.33		47.1	40-140				
2-Nitrophenol	1.72	0.34	mg/Kg wet	3.33		51.7	30-130				
4-Nitrophenol	1.64	0.66	mg/Kg wet	3.33		49.3	15-140				†
Pentachlorophenol	1.23	0.34	mg/Kg wet	3.33		37.0	30-130				
Phenanthrene	1.49	0.17	mg/Kg wet	3.33		44.7	40-140				
Phenol	1.76	0.34	mg/Kg wet	3.33		52.8	15-140				†
Pyrene	1.47	0.17	mg/Kg wet	3.33		44.2	40-140				
1,2,4-Trichlorobenzene	1.78	0.34	mg/Kg wet	3.33		53.5	40-140				
2,4,5-Trichlorophenol	1.87	0.34	mg/Kg wet	3.33		56.0	30-130				
2,4,6-Trichlorophenol	1.82	0.34	mg/Kg wet	3.33		54.7	30-130				
Surrogate: 2-Fluorophenol	*7.20*		mg/Kg wet	6.67		108	30-130				
Surrogate: Phenol-d6	*7.23*		mg/Kg wet	6.67		109	30-130				
Surrogate: Nitrobenzene-d5	*3.29*		mg/Kg wet	3.33		98.8	30-130				
Surrogate: 2-Fluorobiphenyl	*3.51*		mg/Kg wet	3.33		105	30-130				
Surrogate: 2,4,6-Tribromophenol	*8.09*		mg/Kg wet	6.67		121	30-130				
Surrogate: Terphenyl-d14	*3.88*		mg/Kg wet	3.33		116	30-130				
LCS Dup (B022734-BSD1)				Prepared: 11/23/10 Analyzed: 11/24/10							
Acenaphthene	1.59	0.17	mg/Kg wet	3.33		47.7	40-140	8.23	30		
Acenaphthylene	1.58	0.17	mg/Kg wet	3.33		47.5	40-140	8.31	30		
Acetophenone	0.950	0.34	mg/Kg wet	1.67		57.0	40-140	9.29	30		
Aniline	1.54	0.34	mg/Kg wet	3.33		46.1	40-140	5.48	30		
Anthracene	1.67	0.17	mg/Kg wet	3.33		50.2	40-140	9.32	30		
Benzo(a)anthracene	1.71	0.17	mg/Kg wet	3.33		51.3	40-140	10.0	30		
Benzo(a)pyrene	1.75	0.17	mg/Kg wet	3.33		52.4	40-140	11.4	30		
Benzo(b)fluoranthene	1.66	0.17	mg/Kg wet	3.33		49.9	40-140	13.2	30		
Benzo(g,h,i)perylene	1.76	0.17	mg/Kg wet	3.33		52.9	40-140	9.55	30		
Benzo(k)fluoranthene	1.75	0.17	mg/Kg wet	3.33		52.4	40-140	14.3	30		
Bis(2-chloroethoxy)methane	1.88	0.34	mg/Kg wet	3.33		56.4	40-140	7.81	30		
Bis(2-chloroethyl)ether	1.88	0.34	mg/Kg wet	3.33		56.5	40-140	8.21	30		
Bis(2-chloroisopropyl)ether	1.36	0.34	mg/Kg wet	3.33		40.9	40-140	6.84	30	V-04	
Bis(2-Ethylhexyl)phthalate	2.24	0.34	mg/Kg wet	3.33		67.1	40-140	9.16	30		
4-Bromophenylphenylether	1.93	0.34	mg/Kg wet	3.33		57.9	40-140	3.34	30		
Butylbenzylphthalate	2.24	0.66	mg/Kg wet	3.33		67.3	40-140	10.6	30		
4-Chloroaniline	0.647	0.66	mg/Kg wet	3.33		19.4	15-140	13.7	30	L-15	†
2-Chloronaphthalene	1.64	0.34	mg/Kg wet	3.33		49.1	40-140	7.50	30		
2-Chlorophenol	1.96	0.34	mg/Kg wet	3.33		58.7	30-130	12.3	30		
Chrysene	1.67	0.17	mg/Kg wet	3.33		50.1	40-140	9.16	30		
Dibenz(a,h)anthracene	1.92	0.17	mg/Kg wet	3.33		57.6	40-140	9.60	30		
Dibenzofuran	1.96	0.34	mg/Kg wet	3.33		58.9	40-140	7.81	30		
Di-n-butylphthalate	2.20	0.34	mg/Kg wet	3.33		66.0	40-140	15.3	30		
1,2-Dichlorobenzene	1.76	0.34	mg/Kg wet	3.33		52.7	40-140	7.82	30		
1,3-Dichlorobenzene	1.69	0.34	mg/Kg wet	3.33		50.8	40-140	6.93	30		
1,4-Dichlorobenzene	1.71	0.34	mg/Kg wet	3.33		51.2	40-140	7.50	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B022734 - SW-846 3546												
LCS Dup (B022734-BSD1)				Prepared: 11/23/10 Analyzed: 11/24/10								
3,3-Dichlorobenzidine	1.63	0.17	mg/Kg wet	3.33		49.0		40-140	8.19	30	V-20	
2,4-Dichlorophenol	2.01	0.34	mg/Kg wet	3.33		60.3		30-130	7.68	30		
Diethylphthalate	2.08	0.34	mg/Kg wet	3.33		62.3		40-140	14.5	30		
2,4-Dimethylphenol	1.93	0.34	mg/Kg wet	3.33		58.0		30-130	7.88	30		
Dimethylphthalate	2.05	0.66	mg/Kg wet	3.33		61.4		40-140	11.6	30		
2,4-Dinitrophenol	1.76	0.66	mg/Kg wet	3.33		52.8		15-140	25.5	30	V-04	†
2,4-Dinitrotoluene	2.06	0.34	mg/Kg wet	3.33		61.7		40-140	15.3	30		
2,6-Dinitrotoluene	2.11	0.34	mg/Kg wet	3.33		63.4		40-140	12.7	30		
Di-n-octylphthalate	2.42	0.66	mg/Kg wet	3.33		72.6		40-140	17.1	30		
1,2-Diphenylhydrazine (as Azobenzene)	1.82	0.34	mg/Kg wet	3.33		54.7		40-140	0.936	30		
Fluoranthene	1.78	0.17	mg/Kg wet	3.33		53.4		40-140	17.8	30		
Fluorene	1.69	0.17	mg/Kg wet	3.33		50.8		40-140	9.96	30		
Hexachlorobenzene	1.95	0.34	mg/Kg wet	3.33		58.5		40-140	6.35	30		
Hexachlorobutadiene	1.72	0.34	mg/Kg wet	3.33		51.6		40-140	6.09	30		
Hexachloroethane	1.77	0.34	mg/Kg wet	3.33		53.0		40-140	8.12	30		
Indeno(1,2,3-cd)pyrene	1.96	0.17	mg/Kg wet	3.33		58.9		40-140	8.81	30		
Isophorone	1.81	0.34	mg/Kg wet	3.33		54.3		40-140	6.47	30		
2-Methylnaphthalene	1.61	0.17	mg/Kg wet	3.33		48.3		40-140	6.15	30		
2-Methylphenol	1.93	0.34	mg/Kg wet	3.33		57.9		30-130	6.45	30		
3/4-Methylphenol	1.98	0.34	mg/Kg wet	3.33		59.3		30-130	11.5	30		
Naphthalene	1.55	0.17	mg/Kg wet	3.33		46.4		40-140	6.82	30		
Nitrobenzene	1.68	0.34	mg/Kg wet	3.33		50.5		40-140	6.91	30		
2-Nitrophenol	1.84	0.34	mg/Kg wet	3.33		55.4		30-130	6.84	30		
4-Nitrophenol	1.91	0.66	mg/Kg wet	3.33		57.3		15-140	15.0	30		†
Pentachlorophenol	1.42	0.34	mg/Kg wet	3.33		42.5		30-130	13.7	30		
Phenanthrene	1.63	0.17	mg/Kg wet	3.33		48.8		40-140	8.82	30		
Phenol	2.01	0.34	mg/Kg wet	3.33		60.3		15-140	13.3	30		†
Pyrene	1.83	0.17	mg/Kg wet	3.33		54.8		40-140	21.5	30		
1,2,4-Trichlorobenzene	1.91	0.34	mg/Kg wet	3.33		57.2		40-140	6.71	30		
2,4,5-Trichlorophenol	2.00	0.34	mg/Kg wet	3.33		59.9		30-130	6.80	30		
2,4,6-Trichlorophenol	1.96	0.34	mg/Kg wet	3.33		58.9		30-130	7.38	30		
Surrogate: 2-Fluorophenol	*8.04*		mg/Kg wet	6.67		121		30-130				
Surrogate: Phenol-d6	*8.02*		mg/Kg wet	6.67		120		30-130				
Surrogate: Nitrobenzene-d5	*3.43*		mg/Kg wet	3.33		103		30-130				
Surrogate: 2-Fluorobiphenyl	*3.73*		mg/Kg wet	3.33		112		30-130				
Surrogate: 2,4,6-Tribromophenol	*9.29*		mg/Kg wet	6.67		**139**	*	30-130			S-07	
Surrogate: Terphenyl-d14	*4.59*		mg/Kg wet	3.33		**138**	*	30-130			S-07	

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B022727 - SW-846 3546										
Blank (B022727-BLK1)				Prepared: 11/23/10 Analyzed: 11/24/10						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.169*		mg/Kg wet	0.200		84.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.191*		mg/Kg wet	0.200		95.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.182*		mg/Kg wet	0.200		91.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.184*		mg/Kg wet	0.200		92.1	30-150			
LCS (B022727-BS1)				Prepared: 11/23/10 Analyzed: 11/24/10						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		101	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		106	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140			
Surrogate: Decachlorobiphenyl	*0.188*		mg/Kg wet	0.200		94.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.210*		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene	*0.196*		mg/Kg wet	0.200		97.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.204*		mg/Kg wet	0.200		102	30-150			
LCS Dup (B022727-BSD1)				Prepared: 11/23/10 Analyzed: 11/24/10						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		108	40-140	0.216	30	
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		97.9	40-140	3.44	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		108	40-140	1.09	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		109	40-140	3.01	30	
Surrogate: Decachlorobiphenyl	*0.192*		mg/Kg wet	0.200		96.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.217*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.197*		mg/Kg wet	0.200		98.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.207*		mg/Kg wet	0.200		103	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B022730 - SW-846 3546										
Blank (B022730-BLK1)				Prepared: 11/23/10 Analyzed: 11/24/10						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*2.13*		mg/Kg wet	3.33		63.9	40-140			
LCS (B022730-BS1)				Prepared: 11/23/10 Analyzed: 11/24/10						
TPH C9-C36 Hydrocarbons as Diesel	29.6	8.3	mg/Kg wet	33.3		88.9	40-140			
Surrogate: o-Terphenyl	*2.50*		mg/Kg wet	3.33		75.0	40-140			
LCS Dup (B022730-BSD1)				Prepared: 11/23/10 Analyzed: 11/24/10						
TPH C9-C36 Hydrocarbons as Diesel	27.8	8.3	mg/Kg wet	33.3		83.4	40-140	6.39	30	
Surrogate: o-Terphenyl	*2.34*		mg/Kg wet	3.33		70.1	40-140			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B022680 - SW-846 3050B										
Blank (B022680-BLK1)				Prepared: 11/22/10 Analyzed: 11/23/10						
Arsenic	ND	2.5	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
LCS (B022680-BS1)				Prepared: 11/22/10 Analyzed: 11/23/10						
Arsenic	113	4.9	mg/Kg wet	107		106	81.6-118.4			
Cadmium	267	0.49	mg/Kg wet	244		110	82.4-117.6			
Chromium	87.7	0.99	mg/Kg wet	80.6		109	78.8-120.7			
Lead	112	1.5	mg/Kg wet	107		105	79.1-120.3			
LCS (B022680-BS2)				Prepared: 11/22/10 Analyzed: 11/23/10						
Lead	0.851	0.75	mg/Kg wet	0.754		113	80-120			
LCS Dup (B022680-BSD1)				Prepared: 11/22/10 Analyzed: 11/23/10						
Arsenic	101	4.9	mg/Kg wet	107		94.6	81.6-118.4	11.2	30	
Cadmium	237	0.49	mg/Kg wet	244		97.3	82.4-117.6	11.9	30	
Chromium	78.4	0.99	mg/Kg wet	80.6		97.3	78.8-120.7	11.2	30	
Lead	100	1.5	mg/Kg wet	107		93.7	79.1-120.3	11.5	30	
Batch B022751 - SW-846 7471										
Blank (B022751-BLK1)				Prepared: 11/23/10 Analyzed: 11/24/10						
Mercury	ND	0.0083	mg/Kg wet							
LCS (B022751-BS1)				Prepared: 11/23/10 Analyzed: 11/24/10						
Mercury	1.26	0.031	mg/Kg wet	1.25		101	66-132			
LCS Dup (B022751-BSD1)				Prepared: 11/23/10 Analyzed: 11/24/10						
Mercury	1.22	0.031	mg/Kg wet	1.25		97.2	66-132	3.46	30	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
L-15	Compound classified by MA CAM as difficult with acceptable recoveries of 15-140%. Recovery does not meet criteria of 40-140% for Base/Neutral or 30-130% for Acids but does meet difficult compound criteria.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010B in Soil	
Arsenic	CT,NH,NY
Cadmium	CT,NH,NY
Chromium	CT,NH,NY
Lead	CT,NH,NY,AIHA
SW-846 7471B in Soil	
Mercury	CT,NH,NY
SW-846 8082 in Soil	
Aroclor-1016	CT,NH,NY,NC
Aroclor-1016 [2C]	CT,NH,NY,NC
Aroclor-1221	CT,NH,NY,NC
Aroclor-1221 [2C]	CT,NH,NY,NC
Aroclor-1232	CT,NH,NY,NC
Aroclor-1232 [2C]	CT,NH,NY,NC
Aroclor-1242	CT,NH,NY,NC
Aroclor-1242 [2C]	CT,NH,NY,NC
Aroclor-1248	CT,NH,NY,NC
Aroclor-1248 [2C]	CT,NH,NY,NC
Aroclor-1254	CT,NH,NY,NC
Aroclor-1254 [2C]	CT,NH,NY,NC
Aroclor-1260	CT,NH,NY,NC
Aroclor-1260 [2C]	CT,NH,NY,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromochloromethane	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
tert-Butyl Ethyl Ether (TBEE)	NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NC
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270C in Soil	
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

10K0724

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Page 1

Company Name: TRC
Address: 650 Suffolk Street
Lowell MA 01854
Attention: David Sullivan
Project Location: City of New Bedford
Sampled By: J. Saunders

Telephone: (978) 656 - 3565
Project # 115058
Client PO # Unknown

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: dsullivan@trcsolutions.com
Format: ☒ EXCEL ☐ PDF ☒ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 2007 proposal date

State Form Required? ☒ yes ☐ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs (8260)	SVOCs (8270)	PCBs (8082)	TPH 8100	Total As, Cd, Cr, Pb & Hg	TCLP Metals *
									3	1	1	1	1	2
									O/M	I	I	I	I	I
									V	G	G	G	G	G
01	WALSH-DS-01		11/19/10	1040	X		S	L		X	X	X	X	X
02	WALSH-DS-01		11/19/10	1040		X	S	L	X					

# of containers
**Preservation
~Cont. Type

~Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

Client Comments:
* HOLD TCLP sample for analysis only at future request of TRC

Please grind gravel incl. in sample for analysis to the degree feasible

Laboratory Comments: 11-19-10 17:48 I

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 11/19/10 1220	
Received by: (signature)	Date/Time: 11/19/10 1220	
Relinquished by: (signature)	Date/Time: 11-19-10 1722	
Received by: (signature) 3.4 C	Date/Time: 11/19/10 1722	

Turnaround **
☐ 7-Day
☐ 10-Day
☒ Other 5 day
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? MCP S-1/S-2/S-3
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: Per Duke

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: TRC RECEIVED BY: TEC DATE: 11/19/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.4°C

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? Yes (No) Stored where: _____

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	6
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	6	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments: 11-19-10 17:48 IN 3 TBs 1 Meth. 2 DI

40 mL vials: # HCl _____ # Methanol ~~2~~ 2

Bisulfate _____ # DI Water ~~2~~ 4

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A) _____

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 10K0724
Project Location: City of New Bedford	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

10K0724-01 thru 10K0724-02

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB (X)	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B (X)	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A (X)	6020 Metals CAM III D ( )	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes ☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes ☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes ☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes ☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☐ Yes ☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes ☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes ☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☑ Yes ☐ No[1]

***Data User Note:* Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☐ Yes ☑ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☐ Yes ☑ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: _____ Position: Laboratory Manager

Printed Name: Daren J. Damboragian Date: 12/07/10